

Third Cumulative Series

Consumption Ratio and Food Predominance of Flavoring Materials

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The Consumption Ratio was introduced in 1981. It was discussed in detail in papers in this journal and in Food and Chemicals Toxicology. The purpose of the Consumption Ratio is to put the need for safety evaluation of flavoring substances in proper perspective against the assumed safety of traditional food consumption.

The Consumption Ratio compares the average intake of added flavoring materials to the quantities consumed as unavoidable components of traditional foods. The Consumption Ratio is defined as the ratio between the quantity of a flavoring material consumed as an ingredient of basic and traditional foods, and the quantity of the same flavoring material consumed as a food additive by the same population over the same

period. The Consumption Ratio is a number between 0 (for flavoring materials not occurring in food) and infinity (for flavoring materials which occur in food and are not used as additives).

If the Consumption Ratio of a flavoring material is more than 1, this substance is consumed predominantly as an ingredient of traditional foods, and it can be called "Food Predominant." This has been indicated by a + in the tables. If the Consumption Ratio is over 10, then the use as added flavor adds on average less than 10% to the total intake of the substance, an almost insignificant increase. In this case the Food Predominance has been marked as ++.

For the calculation of the Consumption Ratio data are needed on:

- 1. the quantitative occurrence of individual flavoring materials in traditional foods
- the average per capita annual consumption of these foods
- the quantity of these flavoring materials used as added flavor, in most cases via the products of the flavor industry.

The data on quantitative occurrence of flavoring materials in foods used in this third cumulative series have largely been derived from five literature search reports by CIVO in the Netherlands. 48 This literature search has been financially supported by the International Organization of the Flavour Industry, IOFI. Additional quantitative data were published by Dr. de Vincenzi et al., of the Instituto Superiore de Sanita, in two reports, of which one has been published in a journal.9 The Commission of the European Economic Community has provided financial support for this literature search. Data have also been contributed by the Subcommittee on Natural Occurrence of FEMA, the Flavor and Extract Manufacturers' Association of the U.S. Several flavor manufacturers have contributed data from their research. If several quantitative data have been reported for the same substance, the lowest and highest value have been listed, and the average of these two values has been used for the calculation. If no usage as added flavoring material has been reported, the Consumption Ratio has been given as: >999,999.

The average consumption of various foods was obtained from trade and growers associations, statistical and economic services of the U.S. Department of Agriculture and of Commerce or personal communication from experts. The annual per capita human consumption of foods used for the calculations are listed in Table I.

The annual quantities used by the flavor industry were derived from a U.S. survey. A joint survey was organized by the National Academy of Sciences and the FEMA for the year 1982, and published in the report on the use of food additives by the National Research Council/National Academy of Sciences.¹⁰

As data for these three factors are updated, the Consumption Ratio will be updated. Additional quantitative data on the occurrence of flavoring materials in food are being published regularly. A new survey on the quantities of added flavoring materials used in the U.S. is planned for the year 1987.

The first series of Consumption Ratios was published in 1983, covering 93 flavoring materials.¹¹ This third series contains Consumption



Ratios for 499 substances, of which 106 are Food Predominant +, and 309 are ++.

Since data on the quantities of flavoring materials used as additives are only available in the U.S., Consumption Ratios can only be calculated for materials used in the U.S. Such materials occur on the FEMA/GRAS list, or are permitted in the Code of Federal Regulations. In addition, the FEMA GRAS list includes 409 flavoring materials which have not yet been identified in food, and which, therefore, have a Consumption Ratio of 0.

The five CIVO reports list quantitative occurrence in food for an additional 792 flavoring materials.

Moreover, it is known from qualitative data on the occurrence of flavoring materials in food in another series of reports by CIVO, also supported by IOFI, that, so far, close to 5000 flavoring materials have been identified in food.¹²

The quantity of the 500 flavoring materials reported in this third cumulative series, used annually as added flavoring, represents more than 99% by weight of total quantity of all nature identical flavoring used annually.

In most countries other than the U.S., all nature-identical flavoring materials may be used. It is quite likely that many of these several thousand generally known materials are indeed being used, probably in relatively small quantities. Moreover, it is to be expected that flavor companies, as a result of their own research, are aware of the existence of many more nature-identical flavoring materials. Even though the individual and total quantities of such substances used can be assumed to be relatively small, a Consumption Ratio could only be calculated for them if the quantity used is known.

As explained in the introduction to the Second Cumulative Series, ¹³ lemon oil has been considered a food for the purpose of the calculation. The same status has been assigned to spearmint oil and peppermint oil. Several major spices have also been included.

The calculation of the Consumption Ratio has been carried out by dividing the total annual consumption of a flavoring material as a component of foods in the U.S. by the annual quantity used in the U.S. as added flavor. In the case of olive oil and green tea, the quantities consumed as food by a population of 230 million are theoretical values, since they are based on the per capita consumption of these foods respectively in France, Italy and Greece (combined) for olive oil and in Japan for green tea.

No consumption has been calculated for acetic



acid, since its main consumption is in the form of natural or synthetic vinegar.

The Consumption Ratio of limonene has only limited significance, since the d-limonene used as "added flavoring" is also a natural material, isolated from oranges by distillation.

The Consumption Ratio has been generally accepted as a valuable tool for the setting of priorities for the safety evaluation of flavoring substances. The general understanding of its significance is inspiring flavor researchers to publish the results of their work in a form which clearly relates the quantity of the substances identified to the food. A recent publication of Nouleau and Toulemonde is an excellent example of this fortunate tendency.¹⁴

Acknowledgement

The authors would like to thank all those who have supported them in their efforts to obtain, calculate and present data related to the Consumption Ratio. They are especially grateful for the contributions made by R. Heinze, Chairman of the Subcommittee on Natural Occurrence of FEMA and its members, in particular Dr. W. Zeiger They also want to thank M. Ahrenholz for her assistance in sorting and organizing the data for computerization.

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Table I. Annual Per Capita Food Consumption in the United States

Food	Annual Consumption in kg	Reference	Food	Annual Consumption in kg	Referen
almond, roasted	0.61	22	lemon oil	0.003	10
apple juice	3.20	25	lentils	0.35	37
apples	8.10	25	lobster	0.115	51
appies artichokes	0.20	22	loganberry	0.22	34
	0.20	50	maize	12.35	21
asparagus	0.70	47	mango	0.160	97
avocados	4.20	22	melons (musk)	9.50	22
bacon	10.20	27	melons, honeydew	0.90	22
banana		37	milk	102.00	28
beans	2.20		mushroom, fresh	0.93	28
beef, roasted	34.90	15	·	0.004	22
beer	94.00	27	mushroom, dried		23
olackberry	0.22	34	mustard, brown & black	0.025	22
olueberry	0.22	34	nutmeg		17
orandy, grape	0.27	48	olive oil	9.30	
read, white	24.70	31	onion	5.20	21
read, dark	3.80	46	orange juice	16.00	25
orussel sprouts	0.20	22	oregano	0.017	44
outter	2.00	19	peaches	3.50	25
abbage	4.70	21	peanut, roasted	3.10	55
arrots	3.35	21	peanut oil	0.46	41
auliflower	1.60	22	pear	1.20	22
elery leaves	3.36	37	peas	0.68	37
heese, blue	0.09	22	pepper	0.163	42
heese, cheddar	3.90	29	peppers, bell	1.60	22
:heese, swiss	2.87	20	peppermint oil	0.002	45
herry	0.70	34	pineapple	2.10	25
hicken	25.20	22	pork	29.20	38
:hocolate	0.95	43	potato chips	1.90	26
innamon	0.008	52	potato	57.00	21
loves	0.004	44	potato, sweet	2.80	37
:000a	1.22	30	raisin	0.90	22
ocoa butter	0.524	43	raspberry	0.22	34
oconut	0.18	22	rice, cooked	5.00	24
offee roasted	4.B5	18	rum	0.410	27
:rab	0.041	51	spearmint oil	0.001	45
ranberries	0.67	47	strawberry	1.60	25
cucumbers	4.30	21	tea, black	0.33	22
		22	***	0.80	53
figs, dried	0.06	28	tea, green tomato	30.80	21
filberts, roasted	1.18 5.90	32	vanilla	0.004	16
ish		34		1.18	27
rape	4.00	39	whiskey	3.90	36
rape, concord	1.00		wine, red		36
rape muscat	0.05	40	wine, table	5.10	
grapefruit juice	1.20	25	wine, white	1.20	36
nazelnuts	1.18	2B	yogurt	1.20	33
norseradish	0.10	22			
ciwifruit	0.08	47	*	fan Ousses 5	
lamb	0.71	38	consumption data combined	for Greece, France an	ia itsiy

consumption data for Greece, France and Italy combined
 consumption data for Japan

35

lamb fat

0.06



Consumption Ratio and Food Predominance of Flavoring Materials

FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRI DOMINAN
ACETAL	2002	BRANDY, GRAPE	2,297.7				
		RUM	30,176.0				
		WHISKEY	7,070.0	39,543,7	597	66,238	++
ACETALDEHYDE	2003	APPLE	704.4	•			
CELADOBIDE	2003	APPLE JUICE	754.6				
		BEANS	3,643.2 1,138.5				
		BEER	265,926.0				
		BRANDY, GRAPE	2,359.8				
		BREAD, WHITE	40,221.5				
		BUTTER	109.5				
		CARROT	8,533.2				
		CHEESE, CHEDDAR	3,408.6				
		CHEESE, SWISS	924.1				
		CHICKEN, HEATED	1,246.1				
		CUCUMBER FILERETS BOACTED	1,087.9				
		FILBERTS, ROASTED FISH	1357.0 3,392.5				
		GRAPEFRUIT JUICE	6,941.4				
		LENTILS	120.8				
		LOGANBERRY	67.4				
		MAIZE	5,965.1				
		MANGO	1,4				
		HILK	293.3				
		ORANGE JUICE	11,040.0				
		PEANUT, ROASTED PEAR	49.9 1,932.0				
		PEAS	31,373.8				
		PINEAPPLE	483.0				
		PORK	80.5				
		POTATO	1,638.8				
		RICE COOKED RUM	46.0 3418.4				
		STRAWBERRY	1,288.0				
		TEA, BLACK	19.1				
		TOMATO	32,586.4				
		WHISKRY	14,886.3				
		WINE, RED	55,165.5				
		WINE, TABLE WINE, WHITE	81,288.9 20,603.4				
		YOGURT	10,584.6				
			10,304.0	613,976.3	147,678	4.157	+
CETOIN	2008	APPLE	354.0				
	2000	BANANA	23.5				
		BEER	101.614.0			•	
		BREAD, WHITE	4,544.8				
		BUTTER	460.0				
		CARROT	3,9				
		CHEESE, CHEDDAR	18,388.5				
		CHICKEN, HEATED COCOA	6,955.9 144.2				
		COFFEE ROASTED	5,466.0				
		ORANGE JUICE	18.4				
		PEAS	17.829.6				
		PORK	33.6				
		RASPBERRY	126.7				
		STRAWBERRY	3.7				
		WINE, RED	26,461.5				
		WINE, WHITE	6,886.2	189,314.5	7,882	24.017	++
CETOPHENONE	2009	BEANS	202.4				
CETUTREMURE	2009	BEEF ROASTED	202.4 401.4				
		COCOA	575.2				
		CRANBERRIES	7.4				
		GRAPE, CONCORD	2.3				
		LENTILS	.9				
		OLIVE OIL	2.1				



	CONSUMPTION RATIO A	IND FOOD PREDOMINANCE	OF FLAVORING M	ATERIALS (c	ontinued)				CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING	MATERIALS (c	ontinued)		
FLAVORING MATERIAL:	Pena No.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	POOD PRE DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
		PEAS RASPBERRY STRAUBERRIES TEA, GREEN	56.4 1.4 11.0 101.2	1,361.7	258	5.277	+			GRAPE, MUSCAT MUSHROOM, DRIED MUSHROOM, FRESH OLIVE OIL ORANGE JUICE	1.6 .2 181.9 320.9 883.2				
ALLYL ISO THIOCYANATE	2034	BRUSSELS SPROUTS CABBAGE CAULIFLOWER HORSERADISH MUSTARD BR. & BL.	4.6 3,243.0 27.6 31,050.0 57,500.0	91,825.2	15,311	5.997	+			POTATO CHIPS RASPBERRY RUM STEAWBERRY TEA, BLACK TEA, GREEN WHISKEY	2.3 182.9 45,641.2 123.3 220.1 2,392.0 243,852.9				
ALLYL MERCAPTAN	2035	ONTON	478.4	478.4	7.2	66.444	++			WINE, RED WINE, WHITE	121,543.5 55,513.3	1,546,052.2	16,308	94.803	++
ISO AMYL ACETATE	2055	APPLE JUICE BANANA	3,735.4 2,392.0 43,401.0					ISO ANYL BENZOATE	2058	BEER	216.2	216.2	8.1	26.691	++
		BEER BRANDY, GRAPE BUTTER	76,751.0 211.1 230.0					ANYL BUTTRATE	2059	APPLE JUICE CRAPE	25.8 237.4	263,2	6,659	-040	_
		COCOA GRAPE, MUSCAT MANGO PEACH RUM STEAWBERRY TEA, BLACK WHISKEY WINE, RED	56.1 9.9 .5 434.7 518.7 75.4 9.81.7 4,111.7 3,588.0					ISO ANYL BUTYRATE	2060	APPLE BARANA GRAPE, MUSCAT MANGO PEACEES RUM STRAWBERRY TOMATO	5.5 117.3 1.2 9 1,368.5 141.5 11.0		,,,,,		
		WINE, TABLE WINE, WHITE	5,630.4 1,462.8	142,707.4	73,839	1,933	+	ISO AHYL FORMATE	2069	RUM	188.6	3,062.7	13,592	.224	-
1-PENTANOL	2056	APPLE	754.6	240,10114	, 5, 655	1.733	•	AMYL HEXANOATE	2074	APPLE JUICE	1.4	188.6	416	.453	-
		APPLE JUICE BEAMS CHICKEN, BEATED COCOA CRAMBERRIES GRAPE GRAPE, CONCORD GRAPE, MUSCAT LENTILS MUSERSOOM, DRIED OLIVE OIL	1,122,4 9.2 611.6 113.6 10.8 3,634.0 11.5 3.5 7.6					ISO AMYL HEXAMOATE	2075	APPLE BEER GRAPE GRAPEFRUIT JUICE RUM WHISKEY WINE, RED WINE, RED	5.5 4,432.1 282.0 .0 94.3 108.6 1,166.1 248.4	1.4		.007	-
		PEAMUT, ROASTED PEAS POTATO CHIPS RASPBERRY RICE COOKED	4.4 .7 42.8 26.2 12.7 46.0					ISO ANTI, LAURATE	2077	BEER GRAPE, MUSCAT RUM	216.2 18.4 94.3	6,337.0		3,289.000	++
		RUM STRAWBERRY TEA, BLACK TEA, GREER	235.8 46.0 379.5 2,033.2					AHTL OCTANOATE	2079	APPLE JUICE	25.3	25.3		1.807	+
		TOMATO WIME, RED WIME, WHITE	2,033.2 7,438.2 2,332.2 248.4	19,125.1	407	46.991	**	ISO AMYL OCTANOATE	2080	APPLE BEER GRAPE, MUSCAT RUM WHISKET	15.0 17,296.0 1.8 94.3 219.9				
ISO AMYL ALCOHOL	2057	APPLE APPLE JUICE BANANA	1,350.8 7,580.8 2,756.6							WINE, WHITE	1.6	17,628.6	24	734.526	**
		BEER BUTTER COCOA COFFEE ROASTED	1,059,380.0 2.3 168.4 3,904.3					ISO AMYL PROFIONATE	2082	B <u>eër</u> Rum	432.4 9.4	441.8	11,370	.039	-
		CRAMBERRIES GRAPE, MUSCAT	30.8 18.9					ISO AMYL SALICYLATE	2084	GRAPE, MUSCAT	14,283.9 2.3	14,286.2	81	176.372	**



	CONSUMPTION RATIO A	UND FOOD PREDOMINANCE	OF FLAVORING H	ATERIALS (c	ontinued)				CONSUMPTION RATIO	AND FOOD PREDOMINANO	E OF FLAVORING M	ATERIALS (co	ontinued)		
FLAVORING MATERIAL:	PEMA NO.	OCCURRING IN:	ANN CONS KG A	NN COMS KG VIA POOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT	FLAVORING MATERIAL:	Fema No.	OCCURRING IN:	ANN CONS KG A	MN CONS KG VIA FOOD	ANN COMS KG	CONSUMPTION RATIO	FOOD PRE-
ISO AMYL ISO VALERATE	2085	BEER WHISKEY	864.8 68.3					BENZYL BENZOATE	2138	CRANBERRIES	107.9	107.9	2,872	.038	_
Benzaldehydr	2127	ALMOND, ROASTED	561.2	933.1	4,983	.188	-	BENZYL ETHYL ETHER	2144	CRANBERRIES	15,4				
		APPLE APPLE JUICE	46.7 294.4					BENZYL FORMATE	2145	CRANBERRIES	12.4	15.4	.0	>999,999	**
		BEANS BEER BRANDY, GRAPE	16.8 216.2 18.6					BORNEOI,	2157	CARROT	863.0	12.4	262	.047	•
		BREAD, WHITE BUITER	40,903.2 .9									863.0	54	15.981	**
		CHERRY CHICKEN, HEATED COCGA	144.9 463.7 757.6					BORNYL ACETATE	2159	CARROT	423.9	423.9	81	5.233	+
BENZOPHENONE BENZYL ACETATE	21 34 21 35	COFFEE ENASTED CRAMBERIES FIGS, DRIED GRAPE, MUSCAT KIWIFEUIT LENTILS MANGO MUSHEDOM, FRESH OLIVE OIL PRACHES PEAS POTATO CHIPS BASPBERY RICB COOKED RUM STEAWBERRY TEA, BLACK TEA, GREEN TOMATO WINE, WHITE APPLE APPLE JUICE COCCA	2,007.9 50.6 1.2 1.6 .0 .2 .5 1,691.9 2.1 1925.8 16.1 196.7 15.2 23.0 188.6 38.6 155.7 690.0 8,500.8 15.2	57,945.9 1.2	·	.368	- -	2-BUTANONE BUTYL ACETATE		APPLE JUICE BEANS BREAD, WHITE BUTTER CARROT CHEESE, CHEDDAR CREESE, SWISS CRICKEN, SHATED FISH LENTILS MILK OLIVE OIL PEANUT OIL PEANUT OIL PEANUT, ROASTED PEAR PEAS POTATO CHIPS RUM TOMATO YOGURT APPLE APPLE JUICE BAMAMA BEER BUTTER GRAPE, CONCORD	84.6 102.1 70,132.1 73.6 154.1 30,139.2 264.0 281.1 81.4 4.1 961.9 12.9 7.4 71.3 234.6 359.7 30.6 2.8 31,878.0 1,104.0	135,979.5	326	417.119	++
		CRAMPEREIRS GRAPE, MUSCAT MELONS (HOMEYDEM) MELONS (HOMEYDEM) MELONS (HUSK) OLIVE OIL PEACHES RICE COOKED STRAMPEREY TEA, BLACK WINE, HED	8.1 .9 18.2 218.5 641.7 450.8 .0 20.2 318.8 1,749.2	3,453.5) 8,47L	.407	-	ISO BUTTL ACETATE	21.75	GRAPE, MUSCAT RUM STRAMBERRY APPLE JUICE BAMANA BEER RRANDY, GRAPE GRAPE, MUSCAT MANGO	.9 .9 20.2 184.0 4,692.0 3,567.3 99.4 3.0	38,861.3	6,930	5.607	+
BENZYL ALCOHOL	2137	APPLE APPLE JUICE BRANDY, GRAPE CHICKEN, HEATED CRAMBERRIES GRAPE, COMCORD GRAPE, HUSCAT GRAPEREUIT JUICE MUSHROOM, FRESH PEACHES RASPRERRY STRAMBERRY TEA, BLACK TEA, GREEN MIME, RED MIME, WHITE	12.2 2,135.1 1.2 .7 84.9 2.3 21.9 1.6 397.9 354.2 129.0 20.2 607.2 2,852.0 403.7 74.5	7,098.6	71,121	.100	_	BUTYL ALCOHOL	2178	RUM STRAMBERRY WHISE, RED WINE, TABLE WINE, TABLE WINE, WHITE ALHOND, ROASTED APPLE APPLE JUICE BEARS BERR BUTTER CHEESE, SWISS CHICAEN, HEATED GRAPE, OMOORD GRAPE, MUSCAT	141.5 18.4 165.6 547.2 176.0 73.1 2,104.5 52,825.5 15,088.0 46.0 561.2 7,534.8 16.1 1.8	9,671.2	13,454	.718	-



	CONSUMPTION RATIO AN	D FOOD PREDOMINANCE	B OF FLAVORING NA	TERIALS (co	ntinued)				CONSUMPTION RATIO A	MD POOD PREDOMINANCE	OF FLAVORING M	ATERIALS (c	ontinued)		
FLAVORING MATERIAL:	PÉMA NO.	OCCURAING IN:	ANN COMS KG A				FOOD PRE- DOMINANT	FLAVORING MATERIAL:	PICHA NO.	OCCURRING IN:	ANN CONS KG A	ANN COMS KG VIA FOOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE-
		LENTILS MUSHROOM, PRESH	9.7 2.1					ISO BUTYL PROPIONATE	2212	RUM	47.2	47.2	22	2.145	+
		OLIVE OIL ORANGE JUICE PEAS	2.1 5,520.0 21.9					BUTYL ISO VALERATE	2218	STRAWBERRY	1.8	1.8	1.449	.001	_
		RASPBERRY RUM STRAWBERRY TEA, BLACK TEA, GREN TOWARD WHISKEY WHIR, RED WHIE, WHITE	4.1 1,886.0 20.2 3,833.0 1,748.0 2,833.6 814.2 1,704.3 690.0	122,133.6	1,467	83.255	**	SUTTRALDEHYDE	2219	APPLE JUICE BEER REEAD, WHITE BUTTER CARROT CHICKEN, HEATED PEAMUT, ROASTED PEAR PEAS	257.6 2,162.0 146,115.3 20.7 115.7 753.5 .0 142.6 386.4 20.2		ŕ		
ISO BUTYL ALCOHOL	2179	APPLE JUICE BEAKS	1,105.6 7,360.0 81.4							RICE COOKED	230.0	150,204.0	339	443,081	++
		BREAR BREAD, WHITE CRAMBERIES GRAPE LENTILS MUSHROOM, DRIED PEAS RUN RUN WHISKEY WHISKEY WHISK RED WHIE, WHITE	929,660.0 46,016.1 12.4 519.8 8.1 .2 19.8 55.7 18,011.3 99,739.5 57,408.0 21,597.0	,181,594.9	1,938	609.697	++	ISO BUTYRALDEHYDE	2220	APPLE JUICE BEARS BEERE REEAD, WHITE CARROT FISH LENTILS OLIVE OIL PEANUT OIL PEANUT, ROASTED PEAS POOK POTATO CHIPS RUM	2.3 52.7 5,405.0 19,769.9 50.1 3,256.8 2.3 49.2 396.8 1,051.8 17.0 204.9 43.7 23.7				
BUTYL BUTYRATE	2186	APPLE JUICE MANGO	372.6 20.9 .7							TEA, BLACK WHISKEY	7.6 2,035.5	32,369.3	330	98.089	**
		ORANGE JUICE STRAWBERRY	18.4 16.6	, 429.2	326	1,316	+	BUTTRIC ACID	2221	APPLE JUICE BEER BREAD, WHITE	2,907.2 39,997.0 43,175.6				
ISO BUTYL BUTYRATE	2187	BRANDY, GRAPE MANGO	.7 .9	1.6	72	.023	-			BUTTER CHEESE, BLUE CHEESE, CHEDDAR CHEESE, SWISS	11,513.8 27,075.6 124,683.0 603,661.5				
BUTYL ISO BUTYRATE	2188	APPLE	245.9	245.9	35	7.026	+			COPPER ROASTED PISH MILE	70,220.8 4,071.0 156,009.0				
BUTYL FORMATE	2196	APPLE JUICE BUTTER	1.2 9.2	10.4	.4	26.000	**			MUSHROOM, DRIED RASPEERRY RUM STRAWBERRY	1.8 40.5 358.3 901.6				
ISO BUTYL FORMATE	2197	BEER	17,296.0	17,296.0	4.0	4,324.000	##			TEA, BLACK WHISKEY WINE, WHITE	75.9 2,131.9 157.3				
BUTYL HEPTANOATE	2199	APPLE JUICE	15.0 1.8	16.8	37	.454	-	ISO BUTTERIC ACID	2222	YOGURT BEER	42,159.0	,091,342.6	26,636	40.973	**
BUTYL HEXAMOATE	2201	MANGO STRAWBERRY	.5 1.8	2.3	11	. 209	=			MUSEROOM, DRIED EUM STRAWBERRY WHISKET	3.9 47.2 371.7 1,049.0				
ISO BUTYL HEXANOATE	2202	BEER	432.4	432.4	25	17.296	#			WINE, RED WINE, WHITE	1,300.7 291.2	45,222.7	751	60,217	++
BUTYL LAURATE	2206	APPLE JUICE	2.5	2.5	-4	6.250	+	CAMPHENE	2229	CARROT LEMON OIL	6,337.2 1,828.5				
BUTYL PROPIONATE	2211	APPLE	28.1	28.1	23	1.222	+			NUTMEG OREGANO PEPPER RASPBERRY	11,730.0 234.6 7,029.5 189.6	27,349.6	113	242.031	++
								•							



	CONSUMPTION RATIO A	AND FOOD PREDOMINANCE	OF FLAVORING M	ATERIALS (c	ontinued)				CONSUMPTION RATIO A	IND FOOD PREDOMINANCE	OF FLAVORING M	ATERIALS (c	ontinued)		
FLAVORING MATERIAL:	PEMA No.	OCCURRING IN:	ANN CONS KG A	NON COMS KG VIA FOOD	AND COMS KG AS ADDED FLAV	CONSUMPTION RATIO	POOD PRE DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN CONS KG A	ANN CONS KG VLA FOOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
D—CAMPHOR	2230	NUTMEG OREGANO RASPBERRY	3,450.0 156.4 1.4	3, 6 07.8	19,075	.189	_			MANGO ORANGE JUICE	147.2 147.2	1,087.9	7,972	.136	-
CARVACROL	2245	BEER OREGANO	23,782.0 56,421.3	80,203.3	8.6	9,325.965	++	DL-CITROWRLLOL	2309	BEER GRAPE ORANGE JUICE TEA, BLACK	216.2 722.2 184.0 455.4				
CARVEOL	2247	CELERY LEAVES CRAPEFRUIT JUICE MARGO SPEARMINT OIL	1,043.3 233.2 1.6 1,150.9	2,428.1	95	25.559	**	CITRONELLYL ACETATE	2311	GRAFEFRUIT JUICE LEMON OIL ORANGE JUICE	2.8 724.5 36.8	1,577.8 764.1	507 475	3.111 1.608	+
4-CARVOMENTHENOL	2248	AFPLE JUICE CARROT	16.8 20.2 493.1					CITRONELLYL BUTYRATE	231.2	TOMATO	63,756.0	63,756.0	249	256.048	++
		GRAPEFRUIT JUICE LEMON OIL WUTNEG	35.9 1,242.0 31,050.0					CITRONELLYL PROPIONATE	2316	TOMATO	127,512.0	127,512.0	7.7	16,560.000	. ++
		ORANGE JUICE ORECANO PEPPER RASPBERRY	2,097.6 1,837.7 2,155.8 19.1	38,968.2	163	239.069	++	P-CRESOL	2337	BUTTER CRICKEN, HEATED COFFEE ROASTED OLIVE OIL RUM TEA, GREEN	1.2 .7 7,529.7 427.8 9.4				
CARVONE	2249	CELERY LEAVES GRAPEFRUIT JUICE LEMON OIL ORANGE JUICE SPEARMINT OIL	772.8 29.0 158.7 36.8 155,480.0					P-CYMENE	2356	WHISKEY WINE, RED BUTTER	18.4 6.9 .9	7,995.0	17	470.295	++
CARVYL ACETATE	2250	CELERY LEAVES SPEARMINT OIL	1,468.3 4,600.0	156,477.3 6,0 6 8.3	20,702 90	7.558 67.425	+			CARROT LEMON OIL NUTHEG ORAGE JUICE ORAGEANO RASPERRY	8,367.6 4,899.0 4,945.0 36.8 10,987.1 65.8				
BETA CARYOPHYLLENE	2252	CARROT CLOVES GRAPERUIT JUICE LEMON OIL NUTURG GRANGE JUICE OREGANO PEPFER RASPERERY TEA, GREEN	18,607.7 15,732.0 5,216.4 1,759.5 2,300.0 36.8 4,770.2 230,563.5 86.0 515.2					GAMMA DECALACTOME	2360	BREE BUTTER COCONUT NAMEO PEACHES RUM STRAMBERRY	2,270.1 299.0 4.1 1.6 764.8 1.8	29,301.5 3,527.2	1,408 647	20.810 5.451	++
CIMMAMALDEHYDE	2286	CINNAMONI CRANDERRIES	38,640.0 1.6	279,587.3	1,839	152,033	**	DELTA DECALACTORE	2361	COCONUT MANGO	3,461.5 2,010.0 .7				
CIMMANIC ACID	2288	BRANDY, GRAPE GRAPE, COMCORD STRAWBERRY	9,4 4.6 169,3	38,641.6 183.3	141,336 366	.502	-			PEACHES RASPBERRY RUM STRAWBERRY WINE, WHITE	56.4 35.7 1.8 36.8 16.6	5,619.5	4,80l	1.170	+
CIRMANTL ALCOHOL	2294	CIMMAMON CRAMBERRIES STRAWBERRY	147.2 1.6 22.1	170.9	946	.181	-	DECANAL	2362	ALMOND, ROASTED AVOCADO BEER BUTTER CHICKEN, HEATED	561.2 .9 216.2 184.0 3.0				
CITRAL	2303	LEMON CIL ORANGE JUICE TOMATO	16,215.0 570.4 21,287.4	38,072.8	58,890	.646	-			COCOMUT CRAMBERRIES GRAPEFRUIT JUICE LEMON OIL	2.1 13.8 110.4 759.0				
CITRONELLAL	2307	LEMON OIL	793.5							HTLK ORANGE JUICE	7.1 294.4				



	CONSUMPTION RATIO A	IND FOOD PREDOMINANCE	OF PLAVORING P	MATERIALS (c	ontinued)				CONSUMPTION RATIO A	ND FOOD PREDOMINANC	OF FLAVORING	MATERIALS (c	ontinued)		
PLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURNING IN:			ANN CONS KG AS ADDED PLAV		FOOD PRE-
		PEANUT OIL PEANUT, ROASTED RAISINS RICE COOKED STRAMBERRY TOMATO	36.6 178.3 12.4 11.5 276.0 7,792.4	10,459.3	987	10.598	#			STRAWBERRY TEA, BLACK TOWATO WHISKET WINE, RED WINE, WHITE YOGURT	38.6 8.1 3,542.0 139.8 1,973.4 193.2 2,525.4	28,373.0	25,368	1. 121	
CAPRIC ACID	2364	SEER BUTTER CHEESE, SLUE CHEESE, CHEDDAR CHEESE, SWISS COCOMUT	44,321.0 41,147.0 26,289.0 48,886.5 75,911.5 41.4					DIETHYL MALATE	2374	BRANDY, GRAPE GRAPE WINE, RED WINE, WHITE	12.4 8,280.0 4,081.4 110.4	12,484.2		110.480	++
		COFFEE ROASTED GRAPE GRAPE, CONCORD GRAPEFRUIT JUICE	19,075.1 64.4 9.2 19.3					DIETHYL MALONATE	2375	WINE, RED WINE, WHITE	26.9 2.8	29.7		.017	-
		LAMB MILK PORK RUM STRAWBERRY TEA, GREEN	326,600.0 199,410.0 151,110.0 485.8 12.9 18.4					DIETHYL SUCCINATE	2377	APPLE JUICE RASPBERRY WHISKEY WINE, RED WINE, WHITE	21,785,6 60.7 135.7 13,858.7 1,656.0				
		WHISKRY WINE, WHITE YOGURT	7,205.7 712.1 8,155.8	949,475.1	4,530	209.597	++	DIHYDROCARVYL ACETATE	2380	CELERY LEAVES SPEARMINT OIL	77.3 3,220.0	37,496.7 3,297.3	1,141	32.862 2,536.385	++
DECANOL.	2365	APPLE JUICE CRAMBERRIES GRAPEPRUIT JUICE	1,656.0 12.4 8.3					3,7 DIMETHYL-1-OCTANOL	2391	LEMON OIL	690.0	690.0	14	49.286	++
		ORANGE JUICE RASPBERRY WHISKEY	368.0 2.8 51.5	2,099.0	95	22.095	++	GAMMA DODECALACTONE	2400	BUTTER COCONUT PEACHES RUM	437.0 2,1 120.8 1.8				
2 -decenal	2366	BEEF ROASTED CARROT CHICKEN, HEATED HILK OLIVE OIL PEANUT OIL PEANUT, ROASTED FOTATO CHIPS	481.6 269.8 1,101.2 1.4 32,085.0 8.1 107.0 56.8	34,110.9	24	1,421.288	++	DELTA DODECALACTONE	2401	STRAWBERRY BUTTER COCONUT PEACHES RASPBERRY RUM STRAWBERRY	47.8 8,636.5 1,244.1 201.3 15.2 1.8 101.2			1.583	
DECYL ACETATE	2367	GRAPEFRUIT JUICE LEMON OIL STRAWBERRY	13.8 345.0 1.8	360.6		50.084	++	2+DODECENAL	2402	MILK PEANUT OIL PEANUT, ROASTED	14.0 3.2 46.5			1.773	•
DECYL BUTYRATE	2368	STRAWBERRY	7.4	7,4		1,370	+	ESTRAGOLE	2411	APPLE JUICE OREGANO	10.6 156.4	63.7	22	2.895	+
DIACETYL	2370	AVOCADO BARANA BERR BHARDY, GRAPE BREAD, WHITE BUTTEE CHEESE, CHEDDAR CHEESE, SMISS CHICKEN, HEATED COFFEE ROASTED CRAMBERRIES GRAPE HILL PORK PORK RASPBERRY RUH	.0 70.4 43.5 3,493.9 552.0 2,108.0 3,011.9 2.3 18.4 176.0 67.2 2.3 3,5 208.8					ETHYL ACETATE	2414		846.4 198.237.0 735,080.0 575.0 448.5 811.4 223.1 12.4 50.6 42.8 170,683.0 130.6		156	1.085	+



	CONSUMPTION RATIO	AND POOD PREDOMINANC	S OF FLAVORING	MATERIALS (c	ontinued)			†	CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING M	ATERIALS (c	ontinued)		
FLAVORING MATERIAL:	PEMA NO.	OCCURAING IN:	AMM COMS KG VIA THIS PD	AMN COMS KG VIA POOD	AMN CONS KG AS ADDED FLAT	CONSUMPTION RATIO	POOD PRE DOMINANT	PLAVORING MATERIAL:	Pena No.	OCCURRING IN	ANN COMS KG A	NH CONS KG VIA FOOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
		TOMATO UNISKEY WINE, RED WINE, WHITE	31,878.0 109,645.6 119,301.0 20,720.7	1,389,090.9	14,405	96.432	**			COCOA GRAPE GRAPE, COHCORD GRAPE, MUSCAT MANCO	140.3 1,683.6 2.3 .5 1,4				
ETHYL ACETOACETATE	2415	STRANBERRY WITE, RED	3,7	3.7	17,033	.000	-			RUM STRAMBERT WHISKEY WINK, RED	1,178.8 5.5 7,992.7 224.3				
STEFFL ACEYLATE	2410	PINEAPPLE	386.4	386.4	.1	3,864,000	**			WINE, TABLE WINE, WHITE	164.2 289.8	18,104,1	1,748	10.356	**
ETHTL ANTHRANILATE	2421	GRAPE, COMCORD	6.9	6.9	117	.059	_	ETHYL FORMATE	2434	REER BUTTER	21,836.2 365.7	,	2,1.12	201330	.,
STHEL BENZOATS	2422	BEER COCOA CRAMMERIES CRAMMERIES KIWIPEUT MISHOGN, FRESH	216.2 154.3 6.4 10.1 2.8 32.2			1000				CRAPE PINKAPPLE RASPRERRY RUM WHISKEY WIME, RED WINE, WHITE	197.8 29,704.5 108.8 528.1 1,302.7 3,812.3 621.0				
		PRACTIES RASPISSAY RUN STRANGERY	567.7 6.0 47.2					4-ethylguaiacol	2436	BERR	108.1	58,477.1	7,701	7.594	+
ETHYL BUTYRATE	0/07		7.4	1,070.3	579	1.848	+			BRANDY, GRAPE COFFEE ROASTED CRANDERRIES	31.1 1,506.0 1.6				
- PARTE BULINALD	2427	APPLE JUICE BANAMA BEER BRAINY, GRAPE BUTTER CHEESE, CHEBBAR CHEESE, SWISS	512.4 1,475.7 398.8 4,648.3 62.1 4.6 627.9							GRAPEPRUIT JUICE OLIVE OIL RUM WHISKEY WINE, RED	.2 623,070.0 84.9 49.2 184.0	625,035.1	466	1,341.277	++
		GRAPE GRAPE, CONCORD KIVIPEVIT MANGO MELON (HOMETOWN)	363.2 110.4 23.0 66.7 156.4 16.6					ETHYL HEPTANOATE	2437	SKER BRANDY, CHAPE GRAPEPRUIT JUICE BUM	648.6 2.5 .2 235.8	887.1	906	.979	-
		CRANCE FUICE BIM STRANDEREY WHISERY WINE, RED WINE, YARLE WINE, MEITE	699.2 20,746.0 938.4 176.4 852.2 410.6 189.1			•		STHYL CAPROATE	2439	APPLE APPLE JUICE BEER MANDY, GRAPE BUITER GRAPE KIMIPRUIT	111.8 1,251.2 11,891.0 195.7 9.2 27.6				
STOPL 130 BUTYBATE	2420	APPLE JUICE BEEN CHAPE CHAPE, MODCAT KINIFENET HAMBO REM	9,9 6,486.0 181.2 3.0 .5 2.8 754.4	32,478.0	137,259	.236	-			MARGO MELOR (MOMETDEW) ORANGE JUICE PINGAPPLE STRAMMERRY WINE, RED WINE, ARLE WINE, WHITE	.7 8.3 73.6 386.4 929.2 1,524.9 656.9 179.4				
•		HIM. WHITE	46.9	7,484.7	1,839	4.071		ETHYL LACTATE	2440	BEER	216.2	17,246.6	3,121	5. 527	+
STATE CLEMMATE	2430	BEER COCOA STRANGERY WINE, WEITE	108.1 154.3 12.9 16.6				j			BEAMDY, GRAPE BUN WINE, RED WINE, WHITE	8,942.4 2,923.3 182,091.0 52,187.5	246.3 6 0.4	7,021	35.089	**
ETET. DECAMANTE	2432	APPLE JUICE		291.9	289	1.010	+	ETHYL LAUNATE	2441	APPLE JUICE	294,4	0,,000,4	,,,,,,,	33.009	•
	2412	APPLE JUICE BREN SEAMUT, CHAPT SUTTER	22.1 3,351.1 3,042.9 4.6						2441	BREE BRANDY, GRAPE COCOA COCOMOT	5,415.8 192.5 56.1 2.1				



	CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF PLAVORING MA	TERIALS (c	ontinued)				CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING M	ATERIALS (c	ontinued)		
FLAVORING MATERIAL:	Peha No.	OCCURRING IN:			AND COMS KG AS ADDED PLAY		FOOD PRE~ DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN COMS KG A		AMN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE
		MANGO RUM WHISKEY WINK, RED	3.7 707.3 6,174.4 3,184.4							WINE, WHITE	124.2	40,781.5	34,881	1.169	+
		WIME, WHITE	317.4	16,348.1	2,228	7.336	+	ETHYL PYRUVATE	2457	WINE, WHITE	209.8	209.8	59	3.556	+
ETHYL 2-METHYLBUTYRATE	2443	APPLE APPLE JUICE BRANDY, GRAPE	111.8 15.2 3.7					ETHYL SALICYLATE	2458	GRAPE, CONCORD RASPBERRY	4.6 4.1	8.7	45	.193	-
		CRAPE KIWIFRUIT MELON (HONEYDEW) ORANGE JUICE RUM	9.2 .0 20.7 18.4 235.8					ETHYL VALERATE	2462	RUM Wine, Red Wine, White	3,772.0 6,727.5 358.8	10,858.3	462	23.504	++
	7445	STRAVBERRY WINE, WHITE	185.8 3.0 192.5	603.6	2,559	.236	•	ETHYL ISO VALERATE	2463	APPLE JUICE BEAR BRANDY, GRAPE GRAPE	1,619.2 216.2 6.2 391.0				
ETEIL MYRISTATE	2445	BEAMDY, GRAPE COCOMUT MANGO RUM WHISKEY	2.1 4.6 282.9 1,077.6							PINEAPPLE RUM STRAWBERRY WINE, RED WINE, WHITE	1,932.0 235.8 57.0 53.8 9.7				
			28.3	1,559.7	2,482	.629	-			-	7	4,520.9	2,899	1.560	+
ETHYL NONANOATE	2447	RUM Beer	25,944.0	28.3	471	.060	-	EUCALYPTOL	2465	CRAMBERRIES GRAPEFRÜIT JUICE NUTHEG	4.6 24.8 6,900.0				
ETHYL OCTANOATE	2447	BUTTER ORANGE JUICE STRAWBERRY	18.4 18.4 38.6							OREGANO	4,261.9	11,191.3	3,969	2.819	+
		WINE, RED WINE, WHITE	1,794.0 324.3	28,137.7	1,576	17.854	++	EUGENOL	2467	BANANA BRANDY, GRAPE CAEROT CLOVES	23.5 3.2 215.7 138,184.0				
ETHYL OLEATE	2450	BRANDY, GRAPE GRAPEFRUIT JUICE RUM WHISKEY	93.2 2.8 754.4 81.4							MUSHROOM, DRIED NUTHEG ORANGE JUICE RUM	.0 805.0 73.6 69.7				
ETHYL PALMITATE	2451	BRANDY, GRAPE	406.9	931.8	135	6.902	+			STRAWBERRY WRISKEY WINE, WHITE	12.9 28.5 5.5				
		COCOA COCOMUT GRAPEFRUIT JUICE MANGO RUM	84.2 2.1 11.0 1.8 2,357.5					ISO EUGENOL	2468	BEER COFFEE ROASTED NUTNEG	432.4 111.6 1,610.0	139,421.6	14,043	9.927	*
		TEA, GREEN WHISERY	55.2 5,007.3	7,926.0	9.3	966.585	++			RUM	7.6	2,161.6	403	5.364	+
ETHYL PHENYLACETATE	2452	BRANDY, GRAPE COCOA	1.2 28.1	7,926.0	8.2	900.101	•	EUGENYL ACETATE	2469	CLOVES	19,228.0	19,228.0	407	47.243	**
		GRAPEFRUIT JUICE WINE, RED WINE, WHITE	.9 9.0 2.1	41.3	33	1.252	+	EUGENYL METHYL ETHER	2475	GRAPEFRUIT JUICE NUTMEG ORANGE JUICE	5.5 1,150.0 147.2	1,302.7	185	7.042	•
ETHYL 3-PHENYLPROPIONATE	2455	RUN	47.2	47.2		472.000	++	ISO BUGENYL METHYL ETHER	2476	ORANGE JUICE	110.4	110.4	1,594	.069	_
ETHYL PROPIONATE	2456	BEER BRANDY, GRAPE	150.9 10,918.1 1,251.4					PARNESOL	2478	BRANDY, GRAPE GRAPEFRUIT JUICE RASPBERRY	146.1 .9 96.1	*** -			
		Kiwifrüit Rum Strawberry Tomato Whiskey Wine, Red	.9 4,715.0 20.2 13,813.8 817.0 8,970.0					FENCHYL ALCOHOL	2480	BEER GRAPEFRUIT JUICE	864.8 8.3	243.1 873.1	67	187.000	++



	CONSUMPTION RATIO A	TO FOOD PREDOMINANCE	E OF FLAVORING M	ATBRIALS (c	ontiqued)				CONSUMPTION RATIO A	AND FOOD PREDOMINANCE	OF FLAVORING M	ATERIALS (c	ontinued)		
FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN CONS KG A	ANN COMS KG VIA FOOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT	PLAVORING MATERIAL:	Fema No.	OCCURRING IN:	ANN CONS KG A	INN CONS KG	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
FORMIC ACID	2487	BEER BUTTER CHEESE, CHEDDAR CHEESE, SWISS	702,650.0 4.6 6,849,400.0 103,635.7							TOMATO WINE, RED	21,252.0 179.4	25,810.6	1,762	14.647	++
		COFFEE ROASTED FISH GRAPS	1,180,199.0 20,355.0 26,220.0					GERANYL BUTYRATE	2512	TOMATO	21,252.0	21,252.0	1,132	18.774	++
		MILK PEAS STRAWBERRY TEA, BLACK	398,820.0 1.6 864.8 30.4					GERANYL ISO BUTYRATE	2513	BEER CARROT	432.4 15.4	447.8	7.2	62,195	++
FURPURAL	2489	ALMOND, ROASTED	.0	,282,181.1	453	20,490.466	++	GLYCEROL	2525	BEER GRAPE WINE, WHITE	12,673,000.0 9,016,000.0 2,373,600.0				
		AVOCADO BEEF ROASTED BEER BREAD, WHITE COFFEE ROASTED	1.2 160.5 3,351.1 42,039.4 175,691.3					GUAIACOL	2532	BEER BUTTER COCOA	648.6 2.5	,062,600.0	3,714,600	6.478	+
		CRAMBERRIES GRAPEFRUIT JUICE MUSHROOM, PRESH POTATO CHIPS	13.8 93.8 10.8 61.2							COFFEE ROASTED RIM WHISKEY WINE, RED	56.1 7,418.2 37.7 16.3 4.6				
		RUM TEA, BLACK TEA, GREEN WHISKEY WINE, RED	1,178.8 341.6 18.4 4,111.7 269.1					GAMMA HEPTALACTONE	2539	ASPARAGUS, COOKED BEEF ROASTED	7.4 80.3	8,184.0	67	122.149	++
FURFURYL ACETATE	2490	WINE, WHITE ALMOND, ROASTED	1,421.4	220,764.1	2,296	99.638	++			BEER PORK STRAWBERRY TEA, GREEN	432.4 1,679.0 3.7 55.2				
FURFURIL ACCIAIC	2490	BEER COFFEE ROASTED	972.9 12,103.3	13,497.1	33	409.004	++	HEPTANAL	2540	APPLE JUICE AVOCADO BEER	441.6 .2 2,162.0	2,258.0	294	7.681	+
PURPURYL ALCOHOL	2491	ALMOND, ROASTED BEER CHICKEN, HEATED COFFEE BOASTED MILK POTATO CHIPS TEA, GREEN	2,244.8 97,290.0 40.5 575,040.3 29,325.0 8.7 128.8	704,078,1	67	10,508.628	**			BREAD, WHITE BUTTER CARROT CHICKEN, HEATED COCOMUT FISH GRAPHRUIT JUICE LEMON OIL	2,102.0 16,474.9 259.9 115.7 5.8 2.1 2.8 2.5 2.7				
PURFURYL MERCAPTAN	2493	COFFEE ROASTED	1,729.1	1,729.1	63	27.446	++			MILE ORANGE JUICE PEABUT OIL PEAMUT, ROASTED	4.6 36.8 3.2				
GERANIOL		APPLE JUICE BREE BLUEBERRY GRAPE GRAPE, HUSCAT	515.2 108.1 1.6 3,459.2 5.8							PORK POTATO CHIPS RICE, COOKED TEA, BLACK	32.2 80.5 46.0 23.0 106.3	19,827.7	49	404,644	++
		GRAPHRUIT JUICE LEMON OIL NUTHEG ORANGE JUICE RASPBERRY TEA, BLACK TEA, GREEN HINE, RED WINE, WHITE	30,4 241.5 14,145.0 128.8 29.2 834.9 1,288.0 60.5 27.8	20,856.0	2,029	10.278	**	2-HEPTAMONE	2544	SEER BREAD, WHITE BUTTER CHEESE, BLUE CHEESE, CHEDDAR CHEESE, SWISS COCOMUT MILK MUSEROOM, FRESH PEARUT OIL	2,162.0 43,175.6 749.8 727.7 3,274.1 511.5 1,656.0 235.8 4.4				
GERANYL ACETATE		GRAPE GRAPE, MUSCAT GRAPEPRUIT JUICE LEMON OIL NUTHEG ORANGE JUICE RASPERRY	432.4 7.6 8.3 3,795.0 115.0 18.4 2.5							PEAMUT, ROASTED PEAR POTATO CHIPS RICE COOKED STRAWBERRY	3.2 46.5 303.6 6.7 23.0 30.6	52,918.5	421	125.697	**



	CONSUMPTION RATIO	AND FOOD PREDOMINANCE	OF FLAVORING MATER	RIALS (co	ontinued)				CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING H	ATERIALS (co	ontinued)		
PLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN COMS KG ANN VIA THIS PD VIA			CONSUMPTION RATIO	FOOD PRE- DOMINANT	PLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT
3-HEPTANONE	2545	COFFEE ROASTED	446.2	446.2	3.6	123.944	++			TOMATO	12,978.2	99,696.8	1,884	52.918	++
4-HEPTANONE	254 6	COFFEE ROASTED	557.8	557.8	58	9.617	+	2,3-HEXANEDIONE	2558	COPPEE ROASTED	1,968.8	1,968.8	95	20.724	**
HEPTYL ACETATE	2547	APPLE BEER GRAPE GRAPE, HUSCAT	22.3 432.4 158.7 1.6	615.0	5.0	123,090	**	HEXANOIC ACID	2559	APPLE APPLE JUICE BEER BUTTER CHESE, BLUE CHESE, CHEDDAR	1,117.8 5,372.8 279,979.0 10,198.2 19,044.0 43,504.5				
HEPTYL ALCOHOL	2548	APPLE APPLE APPLE APPLE ASPARAGOS, COOKED BRANDY, GRAPE CRANBERIES GRAPE, MUSCAT KIWIPRUIT OLLYE OIL RASPEBERRY RICE COOKED STRANBERRY TEA, GREEN WINE, RED	3.2 7.4 1.4 31.1 3.0 148.1 2.3 .0 4.4 11.5 38.6 55.2 44.9	352.5	26	13.557	++			CHESSE, SWISS COCONUT COFFEE ROASTED GRAFF, COMCORD HILK MUSHROOM, DRIED ORANGE JUICE PORK RASPBERRY RUM STRAWBERRY TEA, GREEN HHISKET HINE, WHITE YOGURT	39,606.0 12.4 5,633.4 59.8 6.9 178,296.0 735,402.0 298.5 712.1 307.3 119.6 2,271.7 789.4 6,665.4				
1-HEXADECANOL	2554	MANGO WHISKEY	9,4 815.6	825.0	.9	916.666	++	2-HEXENAL	2560	APPLE APPLE JUICE	900.7 221.5	1,329,771.5	5,390	246.707	++
CAPMA HEXALACTONE	2556	APPLE JUICE BEER MANGO PORK RASEBEERY STRAWBERRY	23.9 432.4 1.8 335.8 25.5 9.2	828.6	104	7.967	+			AVOCADO BANANA BEER SUTTER CUCUMBERS FISH GRAPE, CONCORD GRAPEPRUIT JUICE	9.0 110,262.0 108.1 46.0 1,631.9 .5 213.9				
HEXAMAL	2557	APPLE APPLE JUICE AVOCADO BANARA BEANS BREAD, WHITE BUTTER CARROT CHICKEN, HEATED COCONUT COFFEE ROASTED CRAMBERRIES CDCUMBER	55.9 294.4 8.5 11,730.0 68.1 61,866.1 92.0 192.7 5.306.3 4.1 557.8 4.6 1,631.9							OLLYE OIL PEANUT OIL PEANUT, ROASTED PORK POTATO CHIPS RASPBERRY RICE COOKED STRAMBERRY TEA, BLACK TEA, GREEN TOWATO	427.8 3.0 363.6 23.5 17.5 1.4 11.5 2,769.2 1,009.5 1,840.0 35,455.4	155,335.3	1,726	89.998	**
		FISH GRAPE, CONCORD GRAPE, MUSCAT LENTILS MILK MUSHROOM, FRESH OLIVE OIL	2.8 50.6 18.4 48.9 29.9 855.6					CIS-3-HEXENAL	2561	AVOCADO BANANA KIWIPRUIT MANCO RASPBERRY TOMATO	.2 469.2 .0 36.8 12.9 1,062.6	1,581.7	307	5.152	+
		ORANGE JUICE PEANUT, ROASTED PEAS PORK POTATO CHIPS RASPBERRY RICE COOKED STRAMBERRY TEA, BLACK	588.8 66.2 336.5 30.4 77.3 153.0 1.4 1,150.0 187.7 2,185.9					2-HEXEN-1-OL	2562	APPLE APPLE JUICE BEER BUTTER GRAPE GRAPE, CONCORD ORANGE JUICE STRAWBEERY TEA, GREEN	1,358.2 445.3 432.4 46.0 18.4 4.6 18.4 570.4 2,208.0				



FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN CONS KG VIA THIS FD		ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FEMA	OCCURRING IN:	ANN CONS KG VIA THIS FD		ANN CONS KG AS ADDED PLAY		FOOD PRE- DOMINANT
•		TOMATO WINE, RED	2,869.0 17.9	7,988.6	556	14.368	++			WINE, RED WINE, WHITE	5,830.5 1,462.8	43,238.2	3,107	13.916	++
3-HEXEN-1-OL	2563	APPLE BEER BLACKBERRY BLUEBERRY CHERRY CRAMBERRIES GRAPE GRAPE, MUSCAT	223.6 648.6 2.1 12.7 1.6 18.4 138.0					HEXYL BUTYRATE	2568	APPLE APPLE JUICE GPAPE, MUSCAT GRAPE GRAPE, CONCORD STRAWBERRY	2,263.7 25.8 2.1 6,808.0 2.3 20.2	9,122.1	41	222.490	**
		OLIVE OIL ORANGE JUICE PEAS RASPBERRY	320.9 110.4 21.9 249.3					HEXYL FORMATE	2570 2572	STRAWBERRY	12.9	12.9	108	.119	-
		STRAWBERRY TOMATO	38.6 10,661.4	12,448.7	4,847	2,568	+	HEXYL REXAMONTE	23/4	APPLE JUICE GRAPE, MUSCAT STRAWBERRY	2,151.9 3.7 6.4 7.4	2,169.4	149	14.560	++
TRANS-2-HEXENYL ACETATE	2564	APPLE APPLE JUICE MANGO STRAWBERRY	35.4 18.4 .2 369.8	423.8	217	1.953	+	HEXYL OCTANOATE	2575	GRAPE GRAPE, MUSCAT STRAWBERRY	3,979.0 1.8 1.8				
HEXYL ACETATE	2565	APPLE APPLE JUICE BANANA SEER	6,250.5 294.4 9,384.0 1,189.1					NAAAL TI CORDI	2576	WINE, RED WINE, WHITE	2,646.2 717.6	7,346.9	4,5	1,632.644	++
		3556	1,109.1					HEXYL ALCOHOL	2576	APPLE JUICE	7,028.8				

HEXYL ALCOHOL	2567	APPLE BEANS	12,584.7 17.9	ALPHA IONONE	2594
		BEER BLACKBERRY	6,486.0 17.7		
		BLUEBERRY	35.4		
		BUTTER	6.9		
		CAULI PLOWER	7.4		
		CHERRY	4.8		
		CHICKEN HEATED	7.7		
		CRAMBERRIES	13.8		
		GRAPE	1,504.2		
		GRAPE, CONCORD	112.7	BETA IONONE	2595
		GRAPE, MUSCAT	19.6		
		GRAPEFRUIT JUICE	5.5		
		LENTILS	3.2		
		MAJSHROOM, DRIED	.0		
		MUSHROOM, FRESH	87.6		
		ORANGE JUICE	92.0		
		PEANUT, ROASTED	5.8		
		PEAS	12.9		
		RASPBERRY	55.9		
		RICE COOKED	23.0		
		BDH.	235.0	LACTIC ACID	2611
		STRAWBERRY	165.6	LABITO NOLD	
		TEA, BLACK	303.6		
		TEA, GREEN	3,128.0		
		TOMATO WHISKEY	10,661.4 352.8		
		METOWET	332.0		

20,785.7

1,060

19.611

458.9 7.6 94.3 187.7

113.9

7,028.8 3,107 2.262 2588 RASPBERRY 4-(P-HYDROXYPHENYL)-2-SUTANONE 111.3 5,073 111.3 .022 34.3 7.4 INDOLE 2593 BUTTER CAULIFLOWER 334.7 COFFEE ROASTED OLIVE OIL TEA, GREEN 1,002.8 235 6,778 1,593.1 ALMOND, ROASTED 70.2 1.6 BLUEBERRY BRANDY, GRAPE CARROT 1,017.1 CELERY LEAVES 154.6 GRAPEFRUIT JUICE .2 33.1 RASPBERRY 128.8 TEA, GREEN 1,418.0 1,970 .719 .0 108.1 24.8 ALMOND, ROASTED BEER BRANDY, CRAPE CARROT 6,903.7 MANGO .2 2.1 MUSHROOM, FRESH ORANGE JUICE 36.8 34.3 RASPBERRY TEA, GREEN WINE, WHITE 625.6 8.3

BEER

CHEESE, CHEDDAR CHEESE, SWISS COCOA CRAB WINE, RED

7,743.9

2,702,500.0 4,610,580.0 623.8

1,080,310.0 9,618.6 2,120,508.0

3,230

2.398

CONSUMPTION RATIO AND FOOD PREDOMINANCE OF FLAVORING MATERIALS (continued)

GRAPE, NUSCAT GRAPEFRUIT JUICE

PEACHES RASPBERRY

STRAWBERRY

TEA, BLACK WINE, RED WINE, WHITE



	CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING MATERIALS (c	ontinued)				CONSUMPTION RATIO AS	ND FOOD PREDOMINANCE	OF PLAVORING HA	TERIALS (c	ontinued)		
FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	AMN COMS KG AMN COMS KG VIA THIS FD VIA POOD			FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMENANT
		WINE, WHITE	153,594.0 10,677,734.4	1,395,240	7.653	+			WINE, RED WINE, WHITE	201.9 44.2	71,619.3	10,353	6,918	+
LAURIC ACID	2614	SEER BUTTER CHEESE, BLUE CHEESE, CHEDDAR CHEESE, SWISS COCONUT GRAPE, CONCORD GRAPEPRUIT JUICE LAMB	12,972.0 26,105.0 31,847.0 60,996.0 126,739.2 103.5 62.1 13.8 244,950.0				LINALYL ACETATE	2636	GRAPE GRAPEFRUIT JUICE LEMON OIL ORANGE JUICE RASPBERRY TOMATO	1,518.0 44.2 690.0 18.4 3.2 16,293.2	18,567.0	4,959	3.745	+
		MILK PORK RUM STRAWBERRY	251,022.0 3,760,960.0 174.6 12.9 3,609.6				MALTOL	2656	BUTTER COCOA COFFEE ROASTED	2,300.0 140.3 36,253.8	38,694.1	4,524	8,553	+
LAURIC ALDEHYDE	2615	WHISKEY BEER	4,519,567.7 216.2	3,592	1,258.233	++	MENTHOL	2665	PEPPERMINT OIL SPEARMINT OIL	210,680.0 460.0	211,140.0	44,348	4.761	+
ZAUKTO KEDENTOZ		CARROT GRAPEFRUIT JUICE LEMON OIL	912.6 13.8 127.7 3.0				Menthone	. 2667	PEPPERMINT OIL	111,320.0	111,320.0	7,221	15.416	++
		PEANUT OIL PEANUT, ROASTED TOMATO	25.1 56,672.0 57,970.4	285	203.405	++	METHYL ACETATE	2668	PEPPERMINT OIL	16,100.0	16,100.0	2,092	7.696	+
LAURYL ALCOHOL	2617	WHISKRY	40.9				MENTHYL ISO VALERATE	2669	NUTMEG	920.0	920.0	134	6.866	+
			40.9	738	.055	=	P-METHOXYBENZALDEHYDE	2670	CRANBERRIES	77.1	77,1	693	.111	_
D-LIMONENE	2633	CARROT CELERY LEAVES CHICKEN, HEATED COFFEE ROASTED CRANBERIES GRAPE, MUSCAT GRAPEFRUIT JUICE	5,879.0 165,379.2 3.5 1.896.4 3.0 1.2 254,320.2				2-METHOXY-4-METHYLPHENOL	2671	SEER COFFEE ROASTED RUM WHISKEY	108.1 111.6 4.8 1.4	225.9		9.036	+
		LEMON OIL MANCO NUTREG ORANGE JUICE OREGANO PEACHES PEPPER RASPBERRY	465,750.0 17,250.0 17,250.0 154,560.0 508.3 209.3 234,312.5				2-METHOXY-4-VINYLPHENOL	2675	BEER CAULIFLOWER COFFEE ROASTED GRAPEFRUIT JUICE STRAWBERRY WINE, RED WINE, WHITE	7,567.0 7.4 30,397.5 44.2 12.9 9.0 27.6	38,065.6	.4	95,164.000	**
		TEA, GREEN	184.0	1 68,403	19.020	++	METHYL ACETATE	2676	APPLE JUICE	2.3	,00-10	•	,	
LINALOOL	2635	APPLE JUICE BEER BUTTER CARROT CHICKEN, HEATED COCOA	257.6 7,567.0 4.6 28,970.8 .7 28.1						BANANA BEER BUTTER GRAPE GRAPE, MUSCAT OLIVE OIL	30,498.0 432.4 4.6 138,000.0 2.3 70.6	169,010.2	602	280.748	**
		CRANBERRIES GRAPE GRAPE, CONCORD GRAPE, MUSCAT GRAPEFRUIT JUICE	10.8 18.4 4.6 18.4 621.0				4'-methylacetophenone	2677	Cauli Plower Mango	7.4 7.4	14.8		.150	_
		LEMON OIL NUTHEG ORANGE JUICE	1,311.0 12,650.0 8,924.0				METHYL ANISATE	2679	COCOA	33.1	33.1	4.5	7,356	+
		OREGANO PEPPER RASPBERRY SPEARMINT OIL	977.5 3,842.8 28.1 230.0				METHYL ANTHRANILATE	2682	GRAPE GRAPE, CONCORD STRAWBERRY WINE, RED	59,800.0 506.0 7.4 1,390.4				
		STRAWBERRY TEA, BLACK TEA, GREEN	132.5 1,138.5 4,636.8				1		WINE, WHITE	27.6	61,731.4	27,768	2.223	+



	CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING MA	TERIALS (C	ontinued)			CONSUMPT	TION RATIO AN	ND FOOD PREDOMINANCE	OF PLAVORING MA	TERIALS (c	ontinued)		
FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN CONS KG AN				FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FEMA No.	OCCURRING IN:	ANN CONS KG AI VIA THIS PD V		ANN CONS KG AS ADDED PLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
METHYL BENZOATE	2683	CRANBERRIES KIWIFRUIT STRAWBERRY	8.5 13.8 3.7			006	-			COFFEE, ROASTED KIWIFRUIT	780.9 .0	893.1	194	4.603	+
ALPHA METHYLBENZYL ALCOHOL	2685	COCOA	364.8	26.0 364.8	4,847 208	1.754	+	METHYL HEPTANOATE	2705	BUTTER CHEESE, SWISS CRANBERRIES	18.4 990.2 59.3				
2-METHYLBUTYRALDEHYDE	2691	CHEESE, SWISS CHICKEN, HEATED OLIVE OIL PEANUT, ROASTED POTATO CHIPS RUM TEA, BLACK	118.9 579.6 32.2 962.6 590.0 141.5 68.3	2,493.1	67	37.211	**	6-METHYLHEPT-5-E NE -2~ONE	2707	AVOCADO BEER CARROT COCOA LEMON OIL ORANGE JUICE RASPBERRY RICE COOKED TOMATO	.0 1,081.0 92.5 28.1 13.8 36.8 227.7 11.5 2,833.6	1,067.9	1.8	593.277	**
3-METHTLBUTYRALDEHYDE	2692	AVOCADO BANANA BEEF ROASTED BEEK CHICKEN, HEATED CHOCOLATE COCOA COFFEE ROASTED FILBERTS, BOASTED	1.4 398.8 1,284.3 2,162.0 869.4 6,555.0 13,188.2 7,473.9 136.6					нетнуц нехамоате	2708	APPLE CHEESE, SWISS KIWIFRUIT MANGO STRAWBERRY	4.6 1,452.2 1.2 .0 406.6	4,325.0 1,864.6	72 9 0	60.071	**
		OLIVE OIL PEACHES PEANUT, ROASTED PORK POTATO CHIPS RICE COOKED	68.5 40.3 713.0 20.2 437.0 11.5 169.7					METHYL LAURATE		APPLE COCONUT RUN STRAWBERRY	3.7 2.1 9.4 64.4	79.6	3.2	24.875	++
		TEA, BLACK TOMATO WHISKEY	57.0 8,500.8 2,849.7	44,937.3	548	82.021	++	METHYL MERCAPTAN	2716	CHEESE, CHEDDAR MUSHROOM, DRIED POTATO	14.7 .0 786.6	801.3	13	61.639	+ +
HETHYL BUTYRATE	2693	APPLE JUICE BEEF ROASTED STRAWBERRY	1,843.7 401.4 923.7			10.965	**	METHYL 0-METHOXYBENZOATE METHYL 3-METHYLTHIOPROPIONATE	2717 2720	COCOA PINEAPPLE	25.3 4.8	25.3		.074	-
METHYL ISO BUTYRATE	2694	APPLE JUICE KIWIPRUTT	772.8 .0	3,168.8 772.8		.637	-	METHYL 4-METHYLVALERATE	2721	PINEAPPLE	676.2	676.2	.4	.041	++
2-METHYLBUTYRIC ACID	2695	BEER CHEESE, SWISS COCOA	10,810.0 35,975.5 56.1	,,,,,	, 1,222			METHYL MYRISTATE	2722	APPLE	7.4 2.1	9.5	597	.016	-
		Cranberries Rum Stramberry	54.7 56.6 1,851.0	48,803.9	9 2,468	19,775	++	METHYL NORANOATE	2724 2728	BUTTER APPLE	4.6	4.6	.1	46,000	++
METHYL CINNAMATE	2698	STRAWBERRY	57.0	57.0		.015	-	METHYL OCTANOATE	2,720	COCONUT PINEAPPLE RUM STEAWBERRY	4.1 386.4 9.4 20.2				
METHYL CYCLOPENTEROLONE	2700		31,791.8	31,791.	8 3,719	8.548	+			TEA, BLACK	417.5	841.3	_4	2,103.250	**
5-METHYLFURFURAL	2702	ALMOND, ROASTED BEER COFFEE ROASTED POTATO CHIPS	701.5 108.1 142,226.3 2.3					4 HETHYL-2-PENTANONE	2731	BEER COFFEE ROASTED	2,594.4 7,250.8	9,845.2	3.2	3,076.625	++
•		RUM TEA, GREEN	113.2 340.4	143,491.	8 937	153.139	**	METHYL PHENYLAGETATE	2733	COCOA	54.7	54.7	43	1.272	+
METHYL, 2-FURGATE	2703	ALMOND, ROASTED	112.2					METHYL PROPIONATE	2742	KIWIPRUIT	.0				



	CONSUMPTION RATIO AN	ND FOOD PREDOMINANCE	OF FLAVORING MA	ATERIALS (co	ontinued)				CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF PLAVORING M	MTERIALS (co	ntinued)		
FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN CONS KG A	NN CONS KG VIA FOOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN CONS KG VIA THIS PD	ANN CONS KG VIA POOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
		RASPBERRY	5.5	5.5	15	.367	-			GRAPE, CONCORD GRAPEFRUIT JUICE LAMB	59.8 2.8 326,600.0				
CYCLAMEN ALDEHYDE	2743	NUTNEG	1,380.0	1,380.0	548	2.518	+		·	MILK NUTMEG PORK	417,588.0 115.0 9,335,240.0				
METHYL SALICYLATE	2745	COFFEE ROASTED GRAPE, CONCORD KIWIFRUIT PEACHES RUM	1,561.7 2.3 .0 185.2 .14.3							RUM STRAWBERRY WEISKEY	15.2 77.3 393.5	0,798,307.1	640	16,872.356	**
		STRAWBERRY TEA, BLACK TEA, GREEN TOMATO	38.6 368.2 110.4 212.5	2,493.2	139,977	.018	-	NEROL	2770	CRANBERRIES GRAPE, MUSCAT GRAPEFRUIT JUICE LEMON OIL ORANGE JUICE	15.4 22.1 2.8 241.5 165.6 15.4				
METHYL SULFIDE	2746	BEANS BEER CHEESE, SWISS	10.1 2,270.1 66.0							RASPBERRY TEA, GREEN WINE, WHITE	138.0 2.1	602.9	489	1,232	+
		CORN, CANNED LENTILS MAIZE MUSHROOM, DRIED ONION ORANGE JUICE	940.5 2.5 24,570.4 .0 299.0 9.2					NERGLIDOL	2772	BEER GRAPEFRUIT JUICE ORANGE JUICE STRAWBERRY TEA, GREEN	1,189.1 11.0 55.2 386.4 1,030.4	2,672.1	53	50.419	++
		PEAS RUM TEA, BLACK TOMATO WINE, RED WINE, WHITE	119.8 9.4 5.8 29,044.4 13.6 55.2	57,416.0	2,092	27.446	**	NERYL ACETATE	2773	GRAPE, MUSCAT GRAPEFRUIT JUICE LEMON OIL GRANGE JUICE	31.7 2.3 3,105.0 73.6	3,212.6	276	11,640	++
3-(METHYLTHIO)PROPIONALDE	TYDE 2747	CHEESE, CHEDDAR CHICKEN, HEATED	89.7 17.5	37,41010	2,070			2,6- nonadie n-1-0L	2780	CUCUMBER	49.5	49.5	54	.917	-
		POTATO CHIPS TOMATO WHISKEY	174.8 354.2 .5	636.7	108	5.897	+	GAMMA NONALACTONE	2781	ASPARAGUS, COOKED BEEF, HEATED BEER BRANDY, GRAPE	.7 561.9 6,486.0 4.4				
METHYL VALERATE	2752	PINEAPPLE	241.5	241.5	1.3	185.769	++			BUTTER HANGO PORIC	92.0 1.4 1,343.2				
METHYL ISO VALERATE	2753	PEACHES PINEAPPLE	193.2 289.8	483.0	593	.815	-			RUM TEA, GREEN WINE, WHITE	2.8 36.8 8.3		3,112	2.744	+
MYRCBME	2762	CARROT COCOA COFFEE ROASTED GRAPE LEMON OIL NUTHEC ORANCE JUICE OREGANO PEPPER TEA, BLACK	1,849.2 2.8 747.5 561.2 10,005.0 6,440.0 220.8 1,955.0 44,988.0	66,841.7	258	259.076	++	NONARAI.	2782	BEER READ, WHITE BUTTER CARROT CAULIFLOWER CHICKEN, HEATED GRAPE, CONCORD GRAPERFUIT JUICE LEMON OIL	.2 216.2 180,655.8 13.8 2.391.5 73.6 1,478.0 4.6 11.0				
MTRISTALDEHYDĒ	2763	CHICKEN, HEATED PEANUT OIL	405.7 10.1	415.8	742	.561	-			MILK OLIVE OIL ORANGE JUICE PEANUT OIL PEANUT, BOASTED	2.3 429.0 92.0 26.5 320.9)) ;			
MYRISTIC ACID	2764	SEER CHEESE, BLUE CHEESE, CHEDDAR CHEESE, SWISS CHICKEN, HEATED COCONUT	27,565.5 117,658.8 109,882.5 403,981.2 59,119.2 8.3					,		POTATO CHIPS RICE COOKED TEA, GREEN TOMATO	8.7 34.5 119.6 10,626.0	<u> </u>	: 104	1,901.408	++
								HORAMOIC ACID	2784	BEER COFFEE ROASTED	6,486.0 12,828.3				



	CONSUMPTION RATIO A	NO FOOD PREDOMINANCE	OF FLAVORING M	ATERIALS (c	ontinued)				CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING H	ATERIALS (c	ontinued)		
FLAVORING MATERIAL:	Peha No.	OCCURRING IN:	ANN COMS EG A	ANN COMS KG VIA FOOD	ANN CONS KG AS ADDED FLAV		POOD PRE- DOM! NANT	FLAVORING MATERIAL:	PEMA No.	OCCURRING IN:	ANN CONS KG A	ANN CORS KG	ANN CONS KG AS ADDED PLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
		GRAPE, CONCORD GRAPEFRUIT JUICE MUSHROOMS, DRIED RASPBERRY	9.2 5.5 1.4 3.5							POTATO CHIPS RICE COOKED	8.7 23.0	8,361.8	973	8. 594	+
		RUM TEA, GREEN WHISKET	5.8 128.8 181.9	19,650.4	158	124.370	**	OCTANGIC ACID	2799	APPLE BEER BUTTER CHEESE, BLUE CHEESE, CHEDDAR	745.2 183,770.0 2,967.0 15,814.8				
2-вонаноме	_ 2785 _	SEER SUFTER CHESSE, BLUE CHESSE, CHEDDAR COCOA COCOMUT HIT PRANUT, FOASTED FOTATO CHIPS SASPARERY RIGE COOKED STRAMBERRY	648.6 577.3 918.2 852.2 28.1 3,022.2 234.6 3.2 17.9 4.4 1.5	6,330.6	421	15.037	11			CHEESE, SWISS COCONUT COFFEE BOASTED CRAFE CRAFE, CONCORD GRAFEFRUIT JUICE HUSEROOM, DRIED FORK EUM STRAMBERRY TEA, CREEN WHISKEY WHISK, WHITE	26,461.5 264.0 12.4 4,741.0 50.6 4.6 8.3 270,963.0 1.2 386,170.0 377.2 12.9 73.6 6,377.9 2,893.9				
NONYL ACETATE	2788	BEER GRAPS GRAPS, MUSCAT GRAPEFRUIT JUICE LEMON GIL	108.1 92.0 1.2 5.5 75.9					1-OCTANOL	2800	APPLE APPLE JUICE ASPARAGUS, COOKED	106.3 1,216.2 5.1	905,379.9	3,556	254,605	++
NONYL ALCOHOL	2789	APPLE JUICE CAULIFLOWER GRAPE GRAPE GRAPE, MUSCAT GRAPERFULT JUICE MUSERCOM, DRIED MUSERCOM, PRESH ORANGE JUICE PEAULT, EMASTED RASPERERY STRAMBERRY TEA, GREEN	441.6 14.7 188.6 1.8 2.5 .2 11.3 73.6 1.2 1.4 1.8	282.7 849.1	45	65.314	+			BRANDY, GRAPE BUTTER CAULIFLOWER CHICKEN, HEATED CRANEERELES GRAPE GRAPERBUIT JUICE LENON OIL HUSHROOM, DRIED MUSTROOM, FRESH ORANGE JUICE RASPERBEY STRAFBERY TEA, BLACK TEA, GREEN	28.1 115.0 14.7 88.3 6.2 73.6 22.1 138.0 1.4 570.4 1.4 20.2 417.5 386.4				
GAMMA OCTALACTOME	2796	BEER BRANDY, GRAPE BUTTER CHICKEN, HEATED	540.5 12.4 230.0 405.7							WHISKEY WINE, RED WINE, WHITE	61.2 287.0 96.6	3,708.1	191	19.414	++
		HANGO PRACHES PORK RASPBERRY STRAWBERRY	9.2 531.3 2,686.4 17.0 5.5					2-OCTANOL 2-OCTANONE		BEER WINE, RED BANANA	108.1 26.9 18,768.0	135.0	.4	337.500	++
OCTARAL	2797	AVOCADO BERE BUTTER CARROT CHICKEN, HEATED COCONUT CRAMBERRIES GRAFEREUT JUICE LEMON OIL	.2 4,324.0 36.8 154.1 1,228.7 2.1 10.1 46.9 655.5	4,438.0	770	5.764	+			BEER BUTTER COCCOA MILK OLIVE OIL PEANUT, ROASTED POTATO CHIPS RICE COOKED	432.4 49.0 28.1 2.3 12.9 1.6 25.1 8.7 11.5	19,339.6	847	22.834	**
		MILK OLIVE OIL ORANGE JUICE	4.6 1,069.5 570.4					3-OCTANONE	2803	MUSHROON, FRESH	932.7	932.7	28	33.311	++
		PEARUT OIL PEARUT, ROASTED	13.3 213.9					1-OCTER-3-OL	2805	BEER BUTTER	648.6 11.5				



	CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OP FLAVORING M	MTERIALS (c	ontinued)				CONSUMPTION RATIO AN	TO FOOD PREDOMINANCE	OF FLAVORING E	MATERIALS (c	ontinued)		
FLAVORING MATERIAL:	FENA NO.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT	YLAVORING MATERIAL:	FENA No.	OCCURAING IN:	ANN CONS KG VIA THIS FD	ANN CONS KG VIA FOOD	ANN CONS KG AS ADDED PLAY	CONSUMPTION RATIO	FOOD PRE- DOMINANT
		CHICKEN, HEATED CRAPE RUSHEROOM, DRIED MUSHROOM, FRESH OLIVE OIL RICE COOKED STRAMBERRY TEA, GREEN	440.5 138.0 .5 11,048.1 2,352.9 11.5 9.2 18.4	14,679.2	144	101.939	**			COFFEE ROASTED LENTILS MILK OLIVE OIL PEAMUT OIL PEAMUT, ROASTED PEAS POTATO CHIPS RUM STRAMBERRY	5,019.8 2.3 591.1 10.8 2.1 14.3 53.1 30.6 113.2	43,392.2	330	131.491	**
OCTYL ACETATE	2806	APPLE APPLE JUICE BEER GRAPE GRAPE, MUSCAT GRAPEREUTT JUICE LEMON OIL STRAWBERRY	55.9 1.2 432.4 786.6 .9 22.1 144.9 16.6	1,460.6	249	5.867	+	ALPHA PHELLANDRENE	2856	CARROT LEMON OIL MANGO NUTNEG OREGANO PEPPER	250.5 828.0 5.5 2,300.0 234.6 129,715.4	133,334.0		158.355	**
OCTYL BUTYRATE	2807	STRAWBERRY	12.9	12.9	11	1.173	+	PHEMETHYL ACETATE	2857	APPLE BEER COCOA	3.7 19,458.0 280.6				
OLEIC ACID	2815	SEER CHEESE, BLUE CHEESE, CHEDDAR CHEESE, SWISS GRAPE, CONCORD HAZELRUT LABB MILE PORK RUM	2,486.3 238,236.3 418,899.0 788,489.5 115.0 21,902.0 311,903.0 1,292,646.0 7,540,320.0							GRAPE GRAPE, CONCORD GRAPE, MUSCAT RUM STRABBERRY WHISKEY WHISKEY WINE, WHITE	1,380.0 2.3 1.2 94.3 75.4 2,632.6 3,588.0 2,553.0	30,069.1	. 104	289.126	++
PALMITIC ACID 2,3-PENTAMEDIONE	2832	CHEESE, BLUE CHEESE, SUISS CHICKEN, HEATED COCOA GRAPE, COMCORD GRAPERUIT JUICE HAZELNUT LAMB MILK RUM STRAMBERRY WHISKEY BEER	6,486.0 260,364.6 274,930.5 1,213,923.9 489,762.0 30.4 1,384.1 1,389,725 1,257,456.0 28.3 371.7 583.5	5,095,398.4		9,883.767 4,748.740	**	PHENETHYL ALCOHOL	2858	APPLE APPLE JUICE BEER CHICKEN, HEATED COCOA COFFEE ROASTED CRANBERRIES GRAPE, CONCORD CRAPE, MUSCAT MUSHROOM, FRESH OLIVE OIL ORANGE JUICE RASPERERY RUM STRAMBERRY THA, BLACK TRA, GREEN WHISKEY WHE, RED WHITE WHITE	1,840.0 624,818.0 624,818.0 310.3 4,015.8 37.0 3,341.0 12.9 427.8 36.8 83.9 47.2 5,360.2 7,51.4 1,499.6 2,380.2 25,116.6 27,430.4				
·		ERANDY, GRAPE BUTTER COFFEE ROASTED RUM WHISKEY	.5 11.5 4,462.0 30.6 5.5					PHENETHYL BUTYRATE	2861	BRANDY, GRAPE	1.3	695,796.		1,090.592	
		WINE, RED WINE, WHITE	448.5 15.2		9 783	9.252	+	PHENETHYL FORMATE	2864	WHISKEY	13.	13.	6 .4	34.000	++
2-pentanone	2842	APPLE JUICE BANANA	18.4 33,665.1					PHENETHYL PROPIONATE	2867	BEËR	216.	216.	2 38	5.689	• •
		BEANS BEER BUTTER	73.4 432.4 250.7					PHENETHYL ISO VALERATE	2871	BEER	432.	432.	4 72	6.006	• •
		CARROT CHEESE, BLUE CHEESE, CHEDDAR CHEESE, SWISS	115.7 425.3 1,152.8 1,419.3					2-PHENYLACETALDEHYDE	2874	Beans Beer	5. 108.	i.			



	CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING N	ATERIALS (co	ntinued)			ļ.	CONSUMPTION RATIO A	ND FUOD PREDUNINANC	E OF FLAVORING	MATERIALS (C	ont Indea /		
FLAVORING MATERIAL:	FENA NO.	OCCURRING IN:	ANN CONS KG A				FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	VIA THIS PD 325.7	ANN CONS KG VIA FOOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRÉ- DOMINANT
		BERAD, WHITE COCOA GRAPEPRUIT JUICE	6,533.2 1,501.2 5.5							WINE, RED WINE, WHITE	2,511.6 138.0	116,877.7	253	461.966	#
		MUSHROOM, FRESH PEAMUT, ROASTED PEAS POTATO CHIPS RICE COOKED TEA, BLACK TOMATO WINE, WHITE	42.8 2.1 15.6 1,573.2 11.5 148.1 708.4 33.1	10,687.9	3 0 8	34,702	**	PROPIONIC ACID	2924	BEER CHEESE, BLUE CHEESE, CHEDDAR CHEESE, SWISS COFFEE ROASTED FISH MILK MUSHROOM, DRIED RUM	44,321.0 62,1 418,002.0 1,511,801.5 97,829.4 4,749.5 28,152.0 4.1 292.3				
PHENYLACETIC ACID	· 2878	COCOA BUTTER WINE, WHITE	7.1 276.0	283.1	579	.489	-			STRAWBERRY WHISKEY WINE, WHITE YOGURT	9.2 860.4 469.2 2,359.8				
3-PHENTLPROPYL ACETATE	2890	COCOA	140.3	140.3	154	.911	_					2,108,912.5	7,338	287.396	**
ALPHA PINEME	2902	CARROT CREERY LEAVES CRAMBERRIES LEMON OIL MANGO MUTMEG ORANGE JUICE	2,369.2 850.1 .7 14,490.0 2,060.8 65,550.0 202.4					PROPYL ACETATE	2925	APPLE JUICE BEER GRAPE GRAPE, MUSCAT RUM RUM STRANDERRY TOMATO	114.1 118.9 202.4 2.3 47.2 47.2 1.8 4,250.4				
		ORECANO PEAMUT, ROASTED PEPPER STRAUBERRY	625.6 3.2 103,097.5 3.7	189,253.2	10,419	18.163	++	PROPYL ALCOHOL	2928	WINE, TABLE APPLE APPLE JUICE BEANS	351.9 4,843.8 5,740.8 9.2	5,136.2	1,032	4.978	•
BETA PINEME	2903	CARROT LEMON OIL NUTMEG ORANGE JUICE OREGANO PEPPER	1,579.6 69,000.0 35,650.0 36.8 156.4 168,705.0	275,127.8	10,192	26.995	++			BEER BREAD, WHITE BUTTER CHEESE, CHEDDAR CHEESE, SWISS GRAPE LENTILS MUSERCOOM, DRIED	529,690.0 9,657.7 13.8 5,157.8 1,617.4 7,958.0 7.8		•		
PIPERIDINE	2908	COFFEE ROASTED	1,115.5	1,115.5	86	12.971	**			PEAS RUM TEA, BLACK	62.6 151,233.7 607.2				
PIPERINE	2909	PEPPÉR		1,762,030.0	.0	>999,9 99	**			TOMATO WHISKEY WINE, RED WINE, WHITE	12,751.2 52,923.0 25,564.5 7,907.4				
D-PIPER ITONE	2910	PEPPERMINT OIL RASPBERRY	2,300.0 7.8	2,307.8	5.0	461.560	++	ISO PROPYL ALCOHOL	2929	•	242.2		534	1,527.617	**
PROPIONALDENYDE	2923	APPLE APPLE JUICE BEER BREAD, WHITE BUITER	33.6 11.0 12,972.0 88,453.2 66.0 38.6							Beans Beer Lentils Pras Raspherey Tomato	217.6 43,240.0 .0 4.6 20.2 6,375.6				
		CARROT CHEESE, CHEDDAR CUCUMBER FISH	2,332.2 1,087.9 1,628.4					PROPYL BUTYRATE	2934	APPLE JUICE	22.1 2.8			. 694	-
		GRAPE, MUSCAT MILE PEANUT OIL	18.4 21.2 1.2 60.7					ISO PROPYL BUTYRATE	2935	STRAWBERRY	20.2	24.9		.081	-
		PEANUT, ROASTED PORK RICE COOKED RUM	45.3 34.5					PROPYL HEXANGATE	2949	APPLE JUICE	7.4	20.2		1.088	++
		STRAWBERRY TEA, BLACK TOMATO	1.8 11.5 7,084.0									,	. 0.0	1.000	•



	CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING	MATERIALS (c	ontinued)		ı		CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING	MATERIALS (co	ontinued)		
FLAVORING MATERIAL:	PEMA	OCCURBING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FENA NO.	OCCURRING IN:	ANN CONS KG VIA THIS FD	ANN CONS KG VIA FOOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
PROPYL PROPIONATE	NO. 2958	APPLE JUICE RUM	4.4 18.9		131	.178	-	TERPINOLENE	3046	CARROT LEMON OIL NUTMEG ORANGE JUICE	8,437.1 4,485.0 3,450.0 18.4				
PULECONE	2963	PEPPERMINT OIL	4,600.0	4,600.0	15	306.667	++			oregano Pepper Raspherry	156.4 8,622.7 50.6	25,220.2	674	37.418	**
PYRIDINE	2966	BEEF ROASTED CHICKEN, HEATED COCOA COPPEE ROASTED	802.7 11.5 8,698.6 47,966.5					TERPINYL ACETATE	3047	GRAPEFRUIT JUICE TEA, GREEN	5.5 55.2	60.7	2,020	.030	-
		MUSHROOM, DRIED	.9	57,480.2	95	605.054	++	THYMOL	3066	OREGANO	25,766.9	25,766.9	135	190.866	++
PYRUVALDEHYDE	2969	BREAD, WHITE	3,096.3	3,096.3	10.9	284.064	++	P-TOLYL ACETALDEHYDE	3071	Beer Rum Whiskey	108.1 957.3 583.5				
PYRUVIC ACID	2970	BEER CHEESE, CHEDDAR WINE, TABLE	3,859,170.0 32,292.0 11,730.0		3,007	1,298.035	++	GAMMA UNDECALACTORE	3091	BUTTER	57.5		18	91.606	++
SALICYLALDEHYDE	3004	BREAD, WHITE	66,467.7		3,007	1,250.035					36.8	57.5	3,089	.019	-
		GRAPE, MUSCAT WHISKEY	2.3	66,470.2	358	185.671	++	UNDECANAL	3092	BUTTER CARROT CHICKEN, HEATED GRAPEFRUIT JUICE LEMON OIL	11,5 3.0 8.3 483.0				
SKATOLE	3019	BUTTER COFFEE ROASTED TEA, GREEN	75.4 1,896.4 18.4		.4	4,975.500	**			MILK PEANUT OIL PEANUT, ROASTED	4.6 1.4 249.6		21	38,010	++
STEARIC ACID	3035	BEER CHEESE, BLUE CHEESE, CHEDOAR CHEESE, SWISS GRAPE, COMCORD GRAPERRUIT JUICE LAMB MILK PORK RUM	6,486.0 81,237.2 154,284.0 1,030,416.1 207.0 11.0 941,097.9 572,424.0 21,558,360.0		79,728	305.345	**	2-UNDECAMONE	3093	BEER BUTTER CHEESS, BLUE CHEESS, CHEDDAR COCONUT GRAPEFRUIT JUICE HILK PEAMUT OIL PEAMUT, ROASTED STRAWBERRY	108.1 777.4 310.5 762.5 12,006.0 .2 703.8 7.4 25.1		181	81.240	
alpha Terpineol	3045	APPLE APPLE JUICE BEER BRANDY, GRAPE CARROT CELERY LEAVES CHICKEN, HEATED CRAMBERIES GRAPE, MUSCAT CRAPERBUT JUICE LEMON OIL MANAGO MUTHEG ORANGE JUICE ORECANO PEPPERMINT OIL POTATO CHIPS RASPBERRY SPERMINT OIL STRANBERRY TEA, BLACK TEA, GREEN	139.8 8.7. 1,297. 36. 1,109. 77. 5. 220. 6. 873. 2,035. 128. 9,200. 901. 3,440. 460. 26. 50.	7 2 2 3 5 5 5 5 5 8 8 0 6 8 8 0 0 2 2 6 0 0 6 6 8 2 2				VALERIC ACID	30 98 3101	AVOCADO BREAD, WHITE BUTTER CARROT CHICKEN, HEATED COCOA COCOMUT CRAMBERERIES FISH HILK OLIVE OIL PEAMUT OIL PEAMUT OIL PEAMUT, ROASTED POTATO CHIPS RICE, COOKED STRAMBERRY APPLE JUICE BERR	1,510.6 4.1 6,817.2 115.7 1,854.7 112.2 2.1 1,854.7 7,1 4.4 9.5 178.7 24.7 115.6 3.7	11,451.0		141,370	**
		WINE, RED WINE, WHITE	89. 51.	7	5 13,046	1.645	s +			BRANDY, GRAPE CHEESE, CHEDDAR CHEESE, SWISS	93.3 3,318. 37,625.)			



	CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	E OF FLAVORING M	MATERIALS (c	ontinued)			CONSUMPTI	ON RATIC A	IND FOOD PREDOMINANCE	OF FLAVORING H	ATERIALS (c	continued)		
FLAVORING MATERIAL:	FEMA No.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN CONS KG	ANN COMS KG VIA FOOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
		MILK MUSHROOM, DRIED	95,013.0 .5 184,690.0					P-ALPHA DIMETHYLSTYRENE	3144	GRAPEPRUIT JUICE	8.3	8.3	1.3	6.385	+
		PORK RUM STRAWBERRY WHISKEY	707.3 294.4 135.7					ETHYL T-2-C-4-DECADIENOATE	3148	BEER GRAPE, CONCORD	432.4 23.0	455,4		101 200	
		YOGURT	2,415.0	327,184.8	4,493	72.821	++	2-ETHYL-3,5 OR 6-DIMETHYLPYRAZINE	3149	ALMOND, ROASTED	2,104.5	433,4	4.5	101.200	++
ISO VALERIC ACID	3102	BEER BREAD, WHITE CHEESE, BLUE CHEESE, CHEDDAR CHESSE, SWISS COCOA MILK MUSHECOM, DRIED RASPBERRY RUM	42,159.0 24,428.3 1,179.9 269.1 8,911.4 84.2 79,764.0 12.0 3.5 37.7							BEEF ROASTED BEER CHICKEN, HEATED COCOA COFFEE, ROASTED FEANUT, ROASTED POTATO CHIPS RUM TEA, GREEN	963.2 432.4 58.0 420.9 2,454.1 3.2 590.0 18.9 36.8	7,082.0	11	643.818	**
		WHISKEY WINE, WHITE YOGURT	1,484.7 236.0 2,263.2	160,833.0	607	264.965	++	3-ethyl-2,6-dimethylpyrazine	3150	ALMOND, ROASTED COCOA COFFEE ROASTED PEANUT, ROASTED POTATO CHIPS	70.2 280.6 8,924.0 43.2 327.8				
GAPMA VALEROLACTONE	3103	BEER PEACHES	34,592.0 362.3	34,954.3	81	431.535	++			RUM	9.4	9,655.2	5.4	1,788.001	++
VANILLIN	3107	BEER BRANDY, GRAPE COFFEE ROASTED	108.1 105.6 2,788.8					2-ETHYL-1-HEXANOL	3151	SRANDY, GRAPE BUTTER WINE, RED	2.5 46.0 71.8	120.3	81	1.485	+
		RUM STRAWBERRY VANILLA WHISKEY	464.4 14.7 16,261.9 331.2	20,074.7	475,650	.042	_	2-ETHYL-5-METHYLPYRAZINE	3154	BEEF ROASTED CHICKEN, HEATED COCOA COFFEE ROASTED	561.9 34.7 77.3 3,179.3				
z i ngerone	3124	RASPBERRY	20.2	20.2	312	.065	-			PEANUT, ROASTED POTATO CHIPS TRA, GREEN	396,5 524,4 18,4	4,792.5	3.6	1,331.250	++
acetylpyrazine	3126	ALMOND, ROASTED BREAD, DARK COFFEE ROASTED	420.9 10.6 1,450.2	1,881.7	58	32.443	**	3-ETHYL-2-METHYLPYRAZINE	3155	BREAD, DARK BREAD, WHITE COCOA COFFEE ROASTED	11.7 1,647.5 477.0 15,617.0	4,,,,,,,	3.0	1,331.250	
BIPHENYL	31 29	CARROT	400.7	400.7	235	1.705	+			PEANUT, ROASTED POTATO CHIPS RUM	155.0 142.1 23.7				
2-ISOBUTYL-3-METHOXY PYRAZI	MB 3132	PEPPER, BELL	110.4	110.4	13	8.492	+	P-etrathemot	3156	BEER	1,081.0	18,074.0	72	251.029	++
2-190butyl-3-methylpyrazine	3133	POTATO CHIPS POTATO, BAKED	35.0 131.1	166.1	5.4	30.759	**	r-statt name	3130	OLIVE OIL RUM WHISKEY WINE RED	8,128.2 75.4 53.1 897.0				
2-ISOBUTYLTHIAZOLE	3134	TOMATO	705.0	705.0	249	2.831	+			·		10,234.7	99	103.381	++
2,4-DECADIENAL	3135	ALMOND, ROASTED BREF ROASTED CARROT	70.2 80.3 3.0					FURFURYL METHYL ETHER	31 59	ALMOND, ROASTED COPPEE ROASTED	2,525.4 557.8	3,083.2	.1	30,832.000	++
		CHICKEN, HEATED GRAPEFRUIT JUICE OLIVE OIL ORANGE JUICE	811.4 .0 1,711.2 184.0					PURFURYL METHYL SULFIDE 2-PURYL METHYL KETONE	3160 3163	COFFEE ROASTED BREF ROASTED	1,840.7 481.6	1,840.7	1.3	L,415.923	**
		PEARUT, ROASTED POTATO CHIPS RICE COOKED	142.6 677.4 23.0	3,703.1	54	68.576	++			BEER CHICKEN, HEATED COCOA COFFEE ROASTED	1,945.8 5.8 28.1 23,090.9				
3.4-dimethoxy-1-vinylbenzen	тк 3138	COFFEE ROASTED	3,346.5	3,346.5	.1	33,465.000	**			POTATO CHIPS	43.7				



CON	SUMPTION RATIO	AND FOOD PREDOMINANCE	OF FLAVORING M	MATERIALS (c	ontinued)				CONSUMPTION RATIO A	ND FOOD PREDOMINANCE	OF PLAVORING 8	MATERIALS (c	ontinued)		
FLAVORING MATERIAL:	FENA NO.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN CONS KG VIA THIS FD		ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT
		RUM TEA, GREEN	113.2 1,122.4 44.9					2-METHYL-2-PENTEKAL	3194	ONIONS	855.1	855.1	6.8	125.750	++
O / MARKARY MAY	3164	WINE, RED	.0	26,876.4	294	91,417	++	JASMONE	3196	B <u>ver</u> Tea, Green	216.2 754.4	970.6	38	25.542	++
2,4-HEPTADIENAL	3204	CAULIFLOWER CHICKEN, HEATED FISH	11.0 .7 1.2					5-METHYL-2-PHENYL-2-HEXEN	AL 3199	COCOA	206.3	206.3		4.584	+
		OLIVE OIL PEANUT OIL PEANUT, ROASTED	855.6 .0 3.2		.,	70.246		METHYL PROPYL DISULFIDE	3201	ONIONS	13,156.0	13,156.0	91	162.420	**
TRANS-2-HEPTENAL	3165	AVOCADO CHICKEN, HEATED OLIVE DIL PEARUT OIL POTATO CHIPS RICE COOKED	.5 753.5 6,630.9 8.5 174.8 46.0	871.7	11	79.246	**	METHYL 2-PYRROLYL KETONE	3202	ALMOND, ROASTED BEEF ROASTED REER COFFEE ROASTED POTATO CHIPS TEA, GREEN	70.2 2,809.5 30,268.0 12,159.0 56.8 220.8	45,584.3	.2	227,921.500	++
		RICE COOKED	40.0	7,614.2	33	230.733	++	S-METHYL QUINOXALINE	3203	ALMONDS. ROASTED	140.3	45,50115		,	
NOOTKATONE	3166	GRAPEPRUIT JUICE LEMON OIL GRANGE JUICE	979.8 34.5 36.8					2-HETHYLTHIOACETALDEHYDE	3206	POTATO CHIPS	8.7	140.3		51.963	++
				1,051.1	43	24.444	++					5.7	2.7	3.222	+
DELTA HERALACTONE	31.67	COCONUT RASPBERRY	46.0 828.0 40.5					2-methyl-5-vinylpyrazine		COFFEE ROASTED	3,235.0	3,235.0	2.3	1,406.522	**
	21.70	STRAUBERRY TEA, GREEN COCOA BUTTER	12.9 36.8	964.2	42	22.956	**	2,4-noradienal	3212	AVOCADO CHICKEN, HEATED CRANBERRIES PEANUT, ROASTED POTATO CHIPS	.2 1.2 3.0 35.7 17.5				
3 HEXENOIC ACID	3170		8.1	1.2	9.0	.133	-			POTATO, BAKED	131.1	188.7	21	9.011	+
CIS-3-HEXENYL ACETATÉ	3171	CELEGIC JOICE CELEGIC LEAVES MANCO STRAWBERRY TEA, BLACK	30.8 12.9 11.0 30.4	93,2	240	0.388	•	2-NOMENAL	3213	CARROT CHICKEN, HEATED CUCUMBERS PEARUT OIL PEARUT, ROASTED POTATO CHIPS	2,592.8 344.8 2,175.8 6.7 213.9				
HEXYL ISO BUTYRATE	3172	APPLE GRAPE, MUSCAT	113.6 2.1				+			RICE COOKED	11.5	5,413.4	18	300.744	++
4-HYDROXY-2,5-DIMETHYL-3(2H)-F	URANONE 3174	COFFEE ROASTED PINEAPPLE RASPBERRY STRAWBERRY	41,831.3 2,656.5 5.1 1,107.7	115.7		6.806	+	DELTA OCTALACTORE	3214	BUTTER COCONUT RASPBERRY RUM STRAMBERRY	616.4 1,057.8 50.6 .9 12.9				
GANNA IONONE	31.75	TOMATO	106.3	45,600.6	2,718	16.777	**			WINE, WHITE	1.6	1,740.	2 49	35.515	++
P-MENTH-1-ENE-9-AL	3178		5.8	106.3	81	1.312	+	2-OCTENAL	3215	CHICKEN, HEATED	2, 568,1 15,4				
			1,150.0	5.8	.2	29.000	++			CRAMBERRIES MUSHROOM, FRESH OLIVE OIL	193.7 213.9				
P-MENTH-1-EN-3-OL	3179			1,150.0	.1	11,500.000	++			PEANUT, ROASTED POTATO CHIPS POTATO, BAKED	107.0 46.0 524.4				
1-METHYL-2-ACETYLPYRROLE	31.84	·	5,633.4	5,633.4		56,334.000	++			RICE COOKED TOMATO	23.0 354.2		9 389	5.260	+
1-METHYL NAPHTHALENE	31.93	BEANS LENTILS OLIVE OIL PEAS	2.1 1.4 213.9 .7					Z,4-PENTADIENAL	3217	PEANUTS, ROASTED	3.7	3.	7 .9	4.111	+
				218.1	4	545.250	↔	1							



	CONSUMPTION RATIO A	AND FOOD PREDOMINANCE	OF FLAVORING MA	TERIALS (co	ontinued)			CONSUMPTION	RATIO A	ND FOOD PREDOMINANCE	OF FLAVORING &	MATERIALS (c	ontinued)		
FLAVORING MATERIAL:	PEMA	OCCURRING IN:	ANN CONS KG AN VIA THIS PD V				FOOD PRE- DOMENANT	FLAVORING MATERIAL:	FEMA	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT
2~PENTENAL	3218	AVOCADO BUTTER KIWIFRUIT	.7 1.8 .0					2,3,5,6-TETRAMETHYL PYRAZINE	3237	COCOA COFFEE ROASTED	4,728.1 3,011.9	7,740.0	17	455.295	++
		ORANGE JUICE PEANUT OIL PEANUT, ROASTED	18.4 .9 17.9					4-THUJANOL	3239	NUTMEG	1,840.0	1,840.0	3	6,133.333	++
ISO PENTYLAHINE	3219	STRAWBERRY GRAPE	20.2 395.6	59.9	212	.281	-	TRIMETHYLAMINE	3241	EACON MUSHROOM, DRIED TOMATO	58.0 92.0 35.4	185.4	824	.225	
190 PERITURNING	32.7	MUSHROOM, DRIED TOMATO WINE, RED	82.8 991.8 2.8					P-ALPHA-ALPHA-TRIMETHYLBENZYL ALCOHOL	3242	GRAPEFRUIT JUICE	5.5 27.6	185.4	924	.223	-
		WINE, WHITE	32.2	1,505.2	.4	3,763,000	++	2.3.5-TRIMETHYLPYRAZINE	3244	MARGO ALMOND, ROASTED	4,209.0	33.1	3.6	9.195	+
PRENETHYLAMINE	3220	BEER CHOCOLATE GRAPE GRAPE WINE, RED WINE, WRITE	21,666.0 1,115.5 103.5 77.3 53.8 29.0					2,3,3-IKIMEHILFIRAZINE	3244	BEEF ROASTED CHICKEN, HEATED COCOA COFFEE ROASTED PEANUT, ROASTED	2,087.0 117.3 2,553.5 13,553.4 57.0				
PHENETHYL HEXANOATE	3221	BEER	1,729.6	23,045.1	, 4	57,612.750	**			TEA, GREEN	73.6 24,863.0	22,650.8	95	238.429	++
Institute magnosta		GRAPE	4,002.0	5,731.6	10	573.160	**	UNDECANOIC ACID	3245	REER GRAPEFRUIT JUICE MUSHROOM, DRIED WHISKEY	24,863.0 2.8 .9 54.3				
PHENETHYL OCTANOATE	3222	BEER RUM	3,243.0 9.4	3,252.4	10	325.240	**	2,6-XYLENOL	3249	COFFEE ROASTED	557.8	24,921.0	49	508.591	++
PHENOL	3223	BUTTER CHICKEN, HEATED	108.1 6.2 1.2							WHISKEY	.2	558.0	54	10.334	++
		COPPEE ROASTED MUSHROOM, DRIED RASPBERRY RUM	40,046.5 .0 4.1 9.0					2-ACETYLPYRIDINE	3251	COFFEE ROASTED	4,462.0	4,462.0	86	51.884	**
		TEA, BLACK TEA, GREEN WHISKEY WINE, RED	834.9 128.8 27.4 26.9					BLOSZOTHTOSZOS	3256	ASPARAGUS, COOKED MANGO WHISKEY	1,4 .2 2.1		2.3	1.609	+
2-PHENYL-2-BUTENAL	3224	COFFEE ROASTED	140.3 669.3	41,193.1	2.3	17,910.045	++	2,3-dimethylpyra2ine	3271	BREAD, WHITE CHICKEN, HEATED COCOA COFFEE ROASTED	170.4 11.5 126.3 6,972.0				
		MUSHROOM, FRESH PEANUT, ROASTED	21.4 71.3	902.3	21	42.966	++			PEANUT, ROASTED POTATO CHIPS	5.1 393.3		5 11	698.054	++
PROPENYL PROPYL DISULFIDE	3227		6,039.8	6,039.8	40	150.995	++	2,5-dimethylpyra2ine	3272	BEEF ROASTED BEER COCOA	1,444.9 2,378.2 743.6				
PROPYL DISULFIDE	3228	ASPARAGUS, COOKED ONIONS	.7 13,754.0	13,754.7	181	76.010	++			COFFEE ROASTED PEANUT, ROASTED POTATO CHIPS	31,791.8 53.6 590.0 75.4				
STYRENE	3233	BEER COPPEE BOASTED LENTILS OLIVE OIL PEAS	4.6 2,270.1 401.6 .5 171.1					2,6-DIMETHYLPYRAZINE	3273	RUM BEEF ROASTED BEER CHICKEN, HEATED CHOCOLATE	1,525.1 756.7 5.8 2,075.8	37,077.5	5 10	3,707.750	**
		STRAWBERRY WINE, WHITE	11.0	2,859.6	13	219,968	++			COCGA COPPEE ROASTED PEANUT, ROASTED	982.1 41,831.3 69.2				
Henthofuran	3235	PEPPERMINT OIL	5,520.0	5,520.0	25	220.800	++			POTATO CHIPS RUM	174.8 141.5		3 2.7	17,615.667	**



•	CONSUMPTION RATIO A	ND POOD PREDOMINANCE	OF PLAYORING MA	TERIALS (c	ontinued)				CONSUMPTION RATIO AL	ND FOOD PREDOMINANCE	OF FLAVORING MAT	ERIALS (c	ontinued)		
FLAVORING MATERIAL:	PEMA NO.	OCCURRING IN:	ANN CONS KG A				POOD PRE- DOMINANT	PLAVORING MATERIAL:	Pena No.	OCCURRING IN:	AMN CONS KG AN VIA THIS FD W	N CONS KG TA POOD	ANN CONS KG AS ADDED FLAV	CONSUMPTION RATIO	FOOD PRE- DOMINANT
DIMETHIL TRISULFIDE	3275	BERR CAULIFLOWER CHICKEN, HEATED OMIONS WHISKEY	10.8 7.4 58.0 2,870.4 1.6							CRANBERRIES MUSEROOM, DRIED STRAWBERRY	8.3 .2 11.0	313.5	.4	783.750	**
				2,948.2	.3	9,827.333	**	2-PENTANOL	3316	APPLE JUICE BUTTER	568.3 331.9 46.0				
DIPROPYL TRISULPIDE	3276	ONIONS	15,847.0	15,847.0	38	417.026	++			CHEESE, BLUE COCOA	21.9 336.7				
2-ETHYL FYRAZINE	3281	BREAD, WHITE COPPEE ROASTED PEAMUT, ROASTED POTATO CHIPS	1,136.2 20,079.0 299.5 174.8	21,689.5	.1	216,895.000	**			GRAPE, CONCORD OLIVE OIL ORANGS JUICE RUM STRAWBERRY	2,3 2.1 18.4 47,2 20.2				
ETHYL THIOACETATE	3282	BEER	54.1							WINE, RED	40.5	1,435.5	25	57.420	**
		WINE, RED WINE, WHITE	1.8	56.1	.1	561.000	++	2—PENTTLFURAN	3317	AVOCADO CHICKEN, HEATED COPFEE ROASTED	.2 1,101.2 145.1 8.7				
#-PURFUR YLPYRROLE	3284	ALMOND, ROASTED BEER CHICKEN, HEATED COFFEE ROASTED	70.2 216.2 11.5 5,466.0							POTATO CHIPS RICE COOKED	115.0	1,370.2	.1	13,702.000	**
				5,763.9	1.8	3,202.167	++	2,4,5-trimethylthiazole	3325	BEEF ROASTED CHOCOLATE COCOA	1,043.5 11.0 14.0				
2-HEPTANOL	3288	BEER SUTTER CHEESE, BLUE COCOA	432.4 2.3 132.5 28.1					ACETONE	3326	APPLE	242.2	1,068.5	.4	2,671.250	++
•		STRAWBERRY	38.6	633.9	.4	1,584.750	**			APPLE JUICE AVOCADO BEANS	75.9 3.2 571.8				
4-HEPTENAL	3289	BUTTER FISH	.7 .2	.9	3.2	. 282	_			SEER BREAD, WHITE BUTTER CARROT	21,620.0 28,882.3 59.8 346.8				ı
3-HEXAMONE	3290	BREAD, WHITE	1,817.9	1,817.9	15	121.193	++			CHEESE, BLUE CHEESE, CHEDDAR	40.5 3,857.1				
4-HYDROXYBUTANOIC ACID LACT	ONE 3291	SEER COFFEE ROASTED WINE, WHITE	35,673.0 5,242.9 3,795.0							CHEESE, SWISS CHICKEN, HEATED LENTILS MAIZE MILK	1,485.3 579.6 18.6 3,834.8 14,662.5				
5-HYDROXYUNDECANOIC ACID LA	CTONE 3294	BUTTER	138.0	44,710.9	149	300.073	++			PEANUT OIL PEANUT, ROASTED	312.1 7.1				
				138.0	616	.224	-			POTATO CHIPS RICE COOKED RUM	43.7 460.0 23.7				
METHYL PROPYL TRISULPIDE	3308	ONIONS	13,335.4	13,335.4	45	296.342	**			STRAWBERRY TEA, BLACK	791.2 1.6				
2-methylpyrazine	3309	ALMOND, ROASTED BEEF ROASTED BEER BREAD, WHITE CHICKEN, HEATED	3,788.1 561.9 1,513.4 34,086.0 11.5							TOMATO WHISKEY WINE, RED WINE, WHITE YOGURT	58,797.2 1,357.0 179.4 289.8 8,045.4	146,588.6	45	3,257.526	++
		COCOA COPFEE ROASTED PEANUT, ROASTED POTATO CHIPS	280.6 71,949.8 2,160.4 87.4					2-acetylthiazole	3328	COCOA	16.8	16.8		.509	_
		RUM	47.2	114,486.3	235	487.176	**	BISABOLENE	3331	LEMON OIL	3,602.0 5,520.0				
3-METHYLTHIOPROPYL ISOTHIOC	YANATE 3312	CAULIFLOWER	110.4	110.4	117	. 944	-			PEPPER	24,743.4	33,865.4	249	136.006	++
2-NONANOL	3315	APPLE BEER CHEESE, BLUE	7.4 216.2 70.4					3-N-BUTYLPHTHALIDE	3334	CELERY LEAVES	2,318.4	2,318.4	2.3	1,008.000	++



CONSUMPTION RAT	IO AN	FOOD	PREDOMINANCE	OF	FLAVORING	MATERIALS	(continued)
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Part																
Martin Salarian 1.0 Mart	FLAVORING MATERIAL:		OCCURRING IN:								OCCURRING IN:					
Part	DIFURFURYL ETHER	3337	COFFEE ROASTED	2,007.9	2,007.9	.4	5,019.750	**	PYRROLE	3386	CHICKEN, HEATED	34.7				
Part	ETHYL 3-METHYLTHIOPROPIONATE	3343	PINEAPPLE WHISKEY	4.8 1.2	8.7	144	.060	-	2-TRI DECANONE	3388	CHEESE, BLUE CHEESE, CHEDDAR	.9 1,121.3	2,314.7	.2	11,573.500	**
The content of the	FURFURYL PROPIONATE	3346	COFFEE ROASTED	1,227.1	1,227.1	3.6	340.861	++			GRAPEFRUIT JUICE	.2	6,916.1	99	69.859	**
PARTICLE	HEPTANOIC ACID	3348	COFFEE ROASTED GRAPE	76,858.0 2,120.6					Safranal	3389			75.2	.0	×999 ,99 9	++
Second 12			PORK RASPBERRY RUM	10.1 118.5					N-BUTYL-2-METHYLBUTYRATE	3393			247.7	4.5	55.044	++
Part			WHISKEY	122.1	518,741.6	20	25,937.080	**	3-ETHYLPYRIDINE	3394			5.3	3.0	1.767	+
TAMES 1988	3-HEXANGL	3351			17,822.2	. 33	540.067	++	2-HEPTYLPURAN	3401	CHICKEN, HEATED	11.5	11.5	.0	>999,999	**
Pattern Patt	DELTA NONALACTONE	3356	BUTTER WINE, WHITE		17.0	23	.739	~	CIS-3-HEXENYL BUTYRATE	3402	STRAWBERRY	5.5	223,014.0	12	18,584.500	++
4-RETURE 3-0-REMERIE 3-0-REM 338 ROSHROW, PRESH 8.5 8.5 4. 21.290 ***	2-METHOXY-3(566) ISOPROPYL PYRAZINE	3358	CTAHOT	.1	.7	.2	3.500	+	CIS-3-HEXENYL HEXAN A E	3403	TEA, GREEN	248.4		.2	1,242.000	++
Section Sect	METHYL FURFURYL DISULPIDE	3362	COFFEE ROASTED	429.4	429.4	9	477.111	. ++	TIGLIC ALDEHYDE	3407					•	
NONA-2-TRANS,6-CIS-DIENAL 1377 CULUMBRES 2.6.2	4-METHYL-3-PENTEN-Z-ONE	3368	MUSHROOM, PRESH	8.5		5 .4	21.250	**	METHYL JASMONATE	3410	TEA, GREEN	36.8	•	.3	122.667	**
NOMA-2-TRANS, 6-CIS-DIENAL 3377 CUCUMBRES PEARIT, ROASTED 7, 262.4 7, 243.948 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1	2-METHYLTETRAHYDROFURAN-3-ONE	3373	BEER POTATO CHIPS	648.6 26.2					METHYL LINOLENATE	3411	GRAPEFRUIT JUICE			3.6	1.528	+
TRANS-2-HONEN-1-OL 3379 ASPARAGUS, COOKED 1.4 1.4 1.1 14.000 ++ 1.4 14.000 ++ 1.4 14.000 ++	NORA-2-TRANS, 6-CIS-DIENAL	3377		3,263.7 .7	r				3-(METHYLTHIO)PROPANOL	3415	WHISKEY	.5		7.2	4,968.069	++
CHESSE, ALUVE 19,468.4 CHESSE, CHEDDAR 61,893.0 CHESSE, CHEDDAR 51,900.0 RUN 2.8 WHISKEY 122.1 441,436.3 557 792.523 ++ 441,4	TRANS-2-MONEN-1-OL	3379	ASPARAGUS, COOKED	1.4					3-OCTEN-2-ONE	3416			.7	.1	7.000	+
A	9,12-OCTADECADIENCIC ACID	3380-	CHEESE, BLUE CHEESE, CHEDDAR GRAPE, CONCORD	19,468.4 61,893.0 483.0					3-PENTEN-2-ONE	3417	POTATO CHIPS	2.3		24	27.608	++
CHEESE, CHEDDAR 35,880.0 37,501.5 557 67.328 ++ 1-PENTEN-3-ONE 3382 KIWIFRUIT 3.9 3.9 3.6 1.083 ++ 2-PENTYLPYRIDINE 3383 LAMB FAT 5.5 139.4 19 7.336 + 2,6,6-TRIMETHYLCYCLOHEX-2-ENE-1,4-DIONE 3421 TEA, GREEN 18.4 18.4 126 .146 - 2,4-UNDECADIENAL 3422 MUSHROOM, PRESH .7	A 12 15 COMANDOATRY PMOTO ACTO	2200	RUM WHISKEY	2.8 122.1	441,436.3	3 557	792.523	++	DAMASCENONE	3420	BRANDY, GRAPE GRAPE, CONCORD MANGO	6.2 1.4 .0	ı			
1-PENTEN-3-ONE 3382 KIWIFRUIT 3.9 3.9 3.6 1.083 + 2-PENTYLPYRIDINE 3383 LAMB FAT 5.5 2,4-UNDECADIENAL 3422 MUSHROOM, PRESH .7	7,12,13-OCTADECATALEMOTO ACID	3,80	CHEESE, CHEDDAR			5 557	67.328	++					139.4	19	7,336	+
2-PERTYLPYRIDINE 3383 LAMB FAT 5.5 2,4-UNDECADERNAL	1-PENTEN-3-ONE	3382	KIWIFRUIT	3.9		3.6	1,083	+	2,6,6-TRIMETHYLCYCLOHEX-2-ENE-1,4-DIONE				18.4	126	.146	-
lacksquare	2-PENTYLPYRIDINE	3383	LAMB FAT	5.5		5 ,1	. 55.000	**	2,4-undecadienal	3422	HUSHROOM, PRESH	4.1				



CONSU	MPTION RATIO A	ND FOOD PRECOMINANCE	OF FLAVORING M	ATERIALS (c	ontinued)			CONSUMPTI	ON RATIO A	ND FOOD PREDOMINANCE	OF PLAVORING MA	TERIALS (co	entinued)		
FLAVORING MATERIAL:	PEMA NO.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT	FLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN CONS KG A VIA THIS PD			CONSUMPTION RATIO	FOOD PRE- DOMINANT
		PEANUT OIL POTATO CHIPS	1.4 2.3	4.4	22	. 201	-			RUM TEA, GREEN WHISKEY	47.2 18.4 54.5	275_6	7.0	39.373	++
2-UNDECENAL	3423	CHICKEN, HEATED HILK OLIVE OIL PEANUT OIL	1,182.4 .9 12,834.0 8.5					ETHYL UNDECANOATE	3492	RUM WHISKEY	9.4 217.1	226.5	1.3	174.231	++
		PEANUT, ROASTED POTATO CHIPS	107.0 35.0	14,167.8	.2	70,839.000	++	3-HEXENYL 2-HETHYL BUTAMOATE	3497	TEA, GREEN	18.4	18.4	43	. 428	-
ETHYL 3-HYDROXYBUTYRATE	3428	GRAPE, CONCORD MANGO ORANGE JUICE	23.0 28.5 36.8 224.3					HEXYL-2-METHYLBUTANOATE	3499	APPLE GRAPE GRAPE, CONCORD	1,211.0 16.1 6.9	1,234.0	90	13.712	++
		WINE, RED		312.6	389	.804	-	3-METHYLBUTYL 2-METHYLBUTANOATE	3505	WINE, RED	53.8	53.8	.1	538,000	++
TRANS, TRANS-2, 4-HEXADIENAL	3429	KIWIFRUIT PEANUT OIL PEANUTS, ROASTED	.0 .0 1.4	1.4	11	.127	-	3-METHYLBUTYL 2-METHYLPROPANOATE	3507	BEER GRAPE GRAPE, MUSCAT	2,162.0 144.4 1.8				
3-METHYLPENTANOIC ACID	3437	COCOA BUTTER	33.8	33.8	3.6	9,389	+			WHISKEY WINE, RED	312.1 53.8	2,674.1	9.1	293.857	++
2,2,4-TRIMETHYL-1,3-OXACYCLOPENT	ANE 3441	BEER Brandy, Grafe Wine, Red	2,162.0 1.2 94.3	2,257.5	.0	>999,999	**	METHYL 3-HYDROXYHEXANOATE	3508	ORANGE JUICE STRAWBERRY	110.4 130.6	241.0	.1	2,410.000	++
FARNESYL ACETONE	3442	GRAPEFRUIT JUICE TOMATO	.2 460.5	460.7	. 2	2,303.500	++	2-methyltetrahydrothiophen-3-one	3512	BEER COFFEE ROASTED WHISKEY WINE, WHITE	108.1 4,908.2 4.1 15.2				
VALENCENE	3443	GRAPEFRUIT JUICE MANGO ORANGE JUICE	2.5 .0 441.6	444.1	389	1.141	+	1-OCTENE-3-ONE	3515	ARTICHOKE MUSHROOM, DRIED MUSHROOM, FRESH	2.8 .0 89.9	5,035.6	.4	12,589.000	**
HEXYL PHENYLACETATE	3457	GRAPE, MUSCAT	32,2	32,2		5,963	· +	PROPANETHIOL	3521	ONIONS	358.8	92.7	.1	927.000	**
ISO MENTHONE	3460	PEPPERMINT OIL SPEARMINT OIL	16,100.0 230.0	2-1				PYRROLIDINE	3523	COFFEE ROASTED	6,693.0	358.8	38	9.442	+
4-METHYLPENTANGIC ACID	3463	RUM	8.5	16,330.0	18	907_222	**	M-CRESOL	3530	BUTTER	2.5	6,693.0	9.1	735.495	++
CIS-6-NONEN-1-OL	3465	CUCUMBERS	49.5	8.5	344	.025	-			COFFEE ROASTED GRAPE, MUSCAT MUSHROOM, DRIED	4,517.9 .9 .0				
O-CRESOL	3480	BEER	108.1	49.5	1.8	27.500	++			RUM WHISKEY WINE, RED	2.3 5.5 4.6				
3 442-13		COPFEE ROASTED MUSHROOM, DRIED RUM WHISKEY WINE, RED	7,306.6 .7 4.8 12,4 17.9	7,450.5	.1	74,505.000	**	DIMETHYL DISULPIDE	3536	BEER BRANDY, GRAPE CABBAGE COCOA LOBSTER OLIVE OIL	118.9 .2 10.8 140.3 13.3 4.4	4,533.7	.4	11,334.250	**
ETHYL TRANS-2-BUTENOATE	3486 3490	GRAPE, CONCORD STRAWBERRY BRANDY, GRAPE	75.9 20.2 34.3	96.1	25	3.844	+			ONION PORK WHISKEY WINE, RED	1,034.5 9.0 26.4 2.1				
ETHYL OCTADECANOATE	3490	COCOA COCONUT GRAPE, HUSCAT GRAPEFRUIT JUICE	112.2 2.1 1.4 5.5					3,7-DIMETHYL-1,3,6-OCTATRIENE	3539	WINE, WHITE GRAPEFRUIT JUICE MANGO	.2 74.5 27.6	1,358.1	185	7,341	+
										rinardU	21.0	102.1	9.5	10.747	++



CONSUMPTION RATIO AND FOOD PREDOMINANCE OF FLAVORING MATERIALS (continued)

PLAVORING MATERIAL:	FEMA NO.	OCCURRING IN:	ANN COMS KG A VIA THIS FD				FOOD PRE- DOMINANT	FLAVORING MATERIAL:	PEMA NO.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT
GERANYL ACETONE	3542	GRAPEFRUIT JUICE TEA, GREEN TOMATO	.0 18.4 3,223.2	3,241.6	72	45.023	**	3-OCTANOL	3581	APPLE JUICE MUSHROOM, FRESH STRAMBERRY WINE, WHITE	2.3 164.7 1.8 .2	169.0	6.8	24.853	++
ETHYL-2-HYDROXYHEXANOATE	3545	GRAPE, CONCORD ORANGE JUICE STRAWBERRY	2.3 1,177.6 5.5	1,185.4	.4	2,963.500	++	1-OCTEM-3-YL ACETAIE	3582	MUSHROOM, FRESH SPEARMINT OIL	230.0	230.9	6.8	33.956	++
2-HYDROXYACETOPHENONE	3548	ALMOND, ROASTED COCOA COFFEE ROASTED RUM WHISKEY	70.2 56.1 1,784.8 .9	1,912.2	23	83.139	++	1-PENTEN-3-OL	3584	ASPARAGUS, COOKED CHICKEN, HEATED KIMIFRUIT STRAWBERRY TEA, BLACK TEA, GREEN	5.8 637.6 .9 20.2 151.8 4,489.6				
3-HYDROXY-2-PENTAMONE	3550	BEER	1,081.0	1,081.0	2.0	540.500	**	DELTA TETRADECALACTORE	3590	BUTTER COCOMUT	7,728.0 1,242.0	5,305.9	3.6	1,473.861	**
ISOPHORONE	3553	CRANBERRIES GRAPEFRUIT JUICE MUSHROOM, FRESH	15.4 13.8 1.2	30.4	1.3	23.384	++	2,5-XTLENOL	3595	COFFEE ROASTED	1,673.3	8,970.0 1,673.3	.9	9,966.667 8,366.500	++
P-MENTRA-1,8-DIEN-7-AL	3557	GRAPEFRUIT JUICE ORANGE JUICE	3.2 110.4	113,6	37	3.070	+	3,4-xylenol	3596	COFFEE ROASTED	892.4	892.4	.4	2,231.000	**
P-MENTHA-1,3-DIENE	3558	CARROT LEMON OIL	970.8 3,450.0					2-methoxy-4-propylphenol	3598	RUM	37.7	37.7	.9	41.889	**
		NUTHEG OREGANO PEPPEE	5,520.0 1,094.8 13,683.9	24,719.5	1.5	16 479 666		2-METHYL-TRANS-2-BUTENOIC ACID OCTYL 2-METHYLBUTYRATE	3599	CELERY LEAVES STRAWBERRY	77.3 9.2	77.3	.0	>999,999	++
				24,719.3	1.5	16,479.666	**	Out 2-metatabolisate	3004	SIRRWSBERI	7.2	9.2	34	.271	-
P-MENTHA-1,4-DIENE	3559	CARROT CARROTS LEMON OIL NUTMEG	4,603.7 4,584.6 58,650.0 6,900.0					2-ACETYL-5-HETHYLFURAN	3609	Brer	108,1	108.1	1.8	60.056	++
		ORANGE JUICE OREGANO PEPPER	110.4 4,535.6 18,932.5					2-PROPINYLPYRROLE THIAZOLE	3614	-	220.8	220.8	.0	>999,999	**
				98,316.8	498	197.423	++	IRINOVES	3615	CHICKEN, HEATED	17.7	17.7	.0	>999,999	++
PIPERITENONE	3560	GRAPEFRUIT JUICE ORANGE JUICE	2.8 220.8	223.6	15	14.907	**	ALPHA IONOL	3624	GRAPE	598.0	598.0	.3	1,993.333	**
P-MENTHA-1,8-DIEM-7-YL ACETAT	E 3561	GRAPEFRUIT JUICE	1.2	1.2	5.0	.240	_	BETA IONOL	3625	GRAPE	920.0	920.0	1.3	707.692	++
P-MENTH-3-EN-1-OL	3563	GRAPEFRUIT JUICE	2.8	2.8	.0	×999,999	++	DIHYDRO-BETA IONONE	3626	RASPRERET	5.1	5.1	.2	25.500	++
P-MENTH-8-EN-1-OL	3564	GRAPEFRUIT JUICE	295.3 1.8			·		DIRYDRO-ALPHA-IONONE	3628	TEA, GREEN	184.0	184.0	.1	1,840.000	++
		NUTNEG	1,495.0	1,792.1	321	5.583	+	4-HYDROXY-5-METHYL-3(2H)-FURANONE	3635	RASPBERRY	5.1	5.1	.1	51.000	++
P-MENTH-8-EN-2-ONE	3565	CELERY LEAVES GRAPEFRUIT JUICE SPEARMINT OIL	309.1 .9 3,450.0					2,6,6-TRIM1,2-CYCLOREXEM-1-CARBOXALD	3639	MANGO TEA, GREEN	73.6	73.8	.1	738.000	++
METHYL 2-METHYL-3-FURYL DISUL	FIDE 3573	COFFEE ROASTED	11.3	3,760.0	.0	>999,999	++	ETHYL TRANS-4-DECEMOATE	3642	BEER	864.8				
•				11.3	2.7	4.185	+	ETHYL TRANS-2-OCTENOATE	3643	GRAPE, CONCORD	2.3	864.8	.2	4,324.000	**
METHYL 1-PROPENYL DISULFIDE	3576	ONION	1,136.2	1,136.2	3.2	355.063	++			GRAPEFRUIT JUICE	.0	2.3	.0	> 999 , 99 9	++



CONSUMPTION RATIO AND FO	D PREDOMINANCE OF	PLAVORING MATERIALS	(continued)
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FLAVORING MATERIAL:	Fema No.	OCCURRING IN:			ANN CONS KG AS ADDED FLAV		FOOD PRE- DOMINANT
3-METHYL-2-BUTEN-1-OL	3647	COFFEE ROASTED ORANGE JUICE BASPBERRY	6,023.7 18.4 114.3				
			*****	6,156.4	,1	61,564.000	++
1,4-CINEOLE	3658	GRAPEPRUIT JUICE	16.6	16.6	462	.036	_
9-DECENOIC ACID	36 6 0	BEER	10,810.0	10,810.0	.0	>999,999	++
2,5-DIMETHYL-4-METHOXY-3(2H)-FURANONE	3664	GRAPE, CONCORD MANGO	34.5 4.6				
		Pineapple Strawberry	96.6 563.0	.as =	_		
	n/ =-	2000		698.7	.0	>999,999	**
4-ETHYL-2,6-DIMETHOXYPHENOL	3671	BERR.	108.1	108.1	.0	>999,999	++
2-ETHYLFURAN	3673	CHICKEN, HEATED OLIVE OIL	782.5 100.5				
•			100.3	883.0	.0	>999,999	++
ETHYL TRANS-2-HEXEWOATE	3675	GRAPE, CONCORD STRAWBERRY	2.3 1.8				
				4.1	.0	>999,999	**
CIS-3-REXEMYL BENZOATE	3688	TEA, GREEN	138.0	138.0	.0	>999,999	++
HEXYL BENZOATE	3691	PEACHES TEA, BLACK	724.5 986.7				
		ame, Burton	,,,,,,	1,711.2	.0	>999,999	**
3-METHYL-2-BUTANOL	3703	BRANDY, GRAPE GRAPE, MUSCAT	36,483.8 3.5	36,487.3	.0	>000 000	
CIS-2-NONEN-1-OL	3720	ASPARAGUS, COOKED	1.4	30,407.3	.0	>999,999	++
			2.17	1.4	.0	>999,999	**
TRANS, TRANS-2, 4-OCTADIENAL	3721	PEANUT OIL PEANUT, ROASTED	.0				
1.0VANIPPRIVALICED	3777			.7	.0	>999,999	++
2-0X0BUTYRIC ACID	3723	BEER	11,891.0	11,891.0	.0	>999,999	++
2-PENTADECANONE	3724	CHEESE, CHEDDAR CHICKEN, HEATED COCONUT	1,390.4 115.9				
		COFFEE, ROASTED	2,691.0 3,235.0	7,432.3	.0	>999,999	++
4-PROPENTL-2,6-DIMETHOXYPHENOL	3728	BEER	108.1	,,,,,,,	.0	. 777, 777	•
				108.1	.0	>999,999	++
2,2,6-TRIMETHYL-6-VINYLTBTRAHYDROPYRAN	3735	GRAPEFRUIT JUICE WINE, WHITE	15.2 2.8	18.0	.0	>999,999	**
P-VINYLPHENOL	3739	ASPARAGUS, COOKED	21,9	-310	.0	*******	***
		BEER COPPEE, ROASTED	16,647.4 1,004.0				
		HANGO PRANUT, ROASTED	1.2				
		raspberry Strawberry Tea, Green	20,2 12,9 36.8				

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FLAVORING MATERIAL:	PEMA NO.	OCCURRING IN:			ANN CONS KG AS ADDED PLAV		FOOD PRE- DOMINANT
		WINE, RED	.7				
		·		17,745.3	.0	>999,999	++
5-HYDROXY-7-DECENDIC ACID DELTA LACTONE	3745	HANGO	73.6				
			,	73.6	.0	>999,999	++
LINALOOL OXIDE	3746	APPLE JUICE	7.8				
		BERR	432.4				
		GRAPE	193.2				
		GRAPE, MUSCAT	1.6				
		GRAPEFRUIT JUICE	2.827.6				
		ORANGE JUICE	36.8				
		STRAWBERRY	42.3				
		TEA, BLACK	910.8				
		TEA, GREEN	1,573.2				
		WINE, WHITE	207.0				
		witte, white	207.0	6,232.7	104	59.930	++
BETA CARYOPHYLLENE OXIDE		BEER	432.4				
BETH CHETOLOGICHENE OXTOR		GRAPEFRUIT JUICE	55.2				
		OMPLEASOIT JOICE	33.4	487.6	3.3	147.757	++
CADINENE		GRAPEFRUIT JUICE	500.9				
CADINENE		ORANGE JUICE	18.4				
		PEPPER.					
		TEA, GREEN	7,310.6 4,324.0				
		IEA, URDEN	4,324.0	12,153.9	90	135.043	++
CARYOPHYLLENE ALCOHOL		BEER	648.6				
		GRAPEFRUIT JUICE	165.6		_		
				814.2	.9	904.667	++
MENTHADIENOL		ORANGE JUICE	294.4				
				294.4	.1	2,944.000	++
2-BUTANOL		APPLE JUICE	677.1				
		BEANS	44.9				
		BUTTER	115.0				
		CHERSE, CHEDDAR	16,190.9				
•		CHEESE, SWISS	198.0				
		LENTILS	2.5				
		ORANGE JUICE	73.6				
		PEAS	139.2				
		POTATO CRIPS	8.7				
		RUM	5,658.0				
		STRAWBERRY	119.6				
-		TEA, BLACK	341.6				
		WHISKEY	1,139.9				
		WINE, RED	17.9				
		**************************************	17.5	24,726.9	.1 :	47,269.000	++
				,		, -	