



Organoleptic Characteristics of Flavor Materials

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Organoleptic Evaluation Panel

- Judith Michalski
- Tom Gibson, creative director, Silesia Flavors
- Carl Holmgren, consulting flavor chemist
- Cyndie Lipka, senior flavor chemist, Sethness Greenleaf
- Gerard Mosciano, consulting flavor chemist
- Robert Pan, senior flavorist, Bell Flavors & Fragrances
- Susie Sadural, consulting flavorist

Natural occurrence information is from Leffingwell & Associates. Suppliers of most materials found in this report can be located in *Allured's Flavor & Fragrance Materials*, published in print and online by Allured Business Media. Learn more at www.perfumerflavorist.com/ffm.

Suppliers: Suggest materials for evaluation to Judith Michalski; judithmichalskillc@gmail.com.

Bergamot Oil from Juice Emulsion Torchio #20624

Source: Global Essence
GRAS, CAS# 89957-91-5

Natural

Odor: @ 100%. Citrus, floral, fresh, terpeny and peely with black pepper nuances.

Taste: @ 5 ppm. Citrus, floral and terpeny with a hint of black pepper.

Taste: @ 10 ppm. Waxy, citrus, floral/lavender, slightly herbal and terpeny.

Possible applications: This particular product will not only enhance all citrus flavors but will also lend interesting character notes in blue flavors such as blueberry, grape, blackberry and even red wine flavors.

►Global Essence; www.globalessence.com

Bergamot Oil Torchio, 5% Juice Enriched #20627

Source: Global Essence
GRAS, CAS# 89957-91-5

Natural

Odor: @ 100%. Citrus, floral, fresh, terpeny and peely.

Taste: @ 5 ppm. Citrus, floral/lavender, waxy, fresh and slightly terpeny.

Taste: @ 10 ppm. Citrus, floral, fresh, terpeny and peely.

Possible applications: The complex profile of this material will grace all lemon, lime and orange type flavors by reinforcing the citrus notes and adding an interesting floral twist. Other great considerations for its use are tea flavors; berries—especially blueberry, raspberry and strawberry; mints; spices; and even some tropicals like mango. Floral flavors such as lavender also are a natural for this product.

►Global Essence; www.globalessence.com

Lemon Oil from Juice Emulsion Torchio #20630

Source: Global Essence
FEMA# 2625, CAS# 84929-31-7

Natural

Odor: @ 100%. Fresh, juicy, zesty, lemony, slightly lime and candylike.

Taste: @ 10 ppm. Juicy, peely, fresh, lemony and slightly limelike.

Taste: @ 20 ppm. Lemony, peely, citral, juicy and candylike.

Possible applications: This material is highly characteristic and full-bodied and will blend very well in all lemon flavors and its combinations, as well as lime, cola and other citrus blends.

►Global Essence; www.globalessence.com

Light Fraction of Bergamot by Short Path #20623

Source: Global Essence
GRAS, CAS# 89957-91-5

Natural

Odor: @ 100%. Fresh, green, peppery (black), herbal, citrus, terpeny and floral (linalyl acetate/linalool).

Taste: @ 10 ppm. Fresh, green, citrus and floral.

Taste: @ 20 ppm. Fresh, green, citrus, floral, slightly woody and slightly bitter.

Possible applications: This product will grace all citrus flavors with its fresh, unusual citrus notes. It can also reinforce the floral notes in blueberry, blackberry, grape and other berry flavors as well as tea and other herbal flavors.

►Global Essence; www.globalessence.com

Light Fraction of Lemon by Short Path #20629

Source: Global Essence

FEMA# 2623, CAS# 84929-31-7

Natural

Odor: @ 100%. Fresh, lemon, juicy, sweet and candylike (lemon drops).

Taste: @ 10 ppm. Lemon, juicy, fresh and peely.

Taste: @ 20 ppm. Lemon, fresh, juicy, tangy and peely.

Possible applications: Another offering to the flavorist's arsenal of lemon products, this material will perform well in all lemon flavors and its combinations.

►Global Essence; www.globalescence.com

Light Fraction of Mandarin Oil by Short Path #20631

Source: Global Essence

GRAS, CAS# 84929-38-4

Natural

Odor: @ 100%. Slight mothball note, citrus, orange/mandarin, oily and waxy with a sweet, grapelike nuance.

Taste: @ 10 ppm. Mandarin, citrus, fresh and peely.

Taste: @ 20 ppm. Mandarin, terpeney, citrus, waxy and slightly bitter.

Possible applications: This material will add depth to all mandarin and orange flavors and blends thereof, as well as to grape, blueberry, blackberry and tea.

►Global Essence; www.globalescence.com

Light Fraction of Orange by Short Path #20633

Source: Global Essence

FEMA# 2824, CAS# 8028-48-6

Natural

Odor: @ 100%. Orange, waxy/peely, green and slightly terpeney.

Taste: @ 20 ppm. Orange, citrus, green, terpeney and peely.

Taste: @ 30 ppm. Orange, peely, green, terpeney and fresh.

Possible applications: This fraction of orange oil offers the bright lift of orange rather than the heart of the material. It will add more of the "front" to orange, orange juice and other citrus flavors where it is needed, without increasing peely, aldehydic notes.

►Global Essence; www.globalescence.com

Orange Oil Guinea Type #20632

Source: Global Essence

GRAS, CAS# 8028-48-6

Natural

Odor: @ 100%. Orange, fresh, sweet, juicy, slightly peely and slightly terpeney with a mandarin nuance.

Taste: @ 20 ppm. Orange, juicy, citrus and fresh.

Taste: @ 30 ppm. Orange, juicy, fresh, green and peely with some mandarin notes.

Possible applications: This material is very characteristic and can be used well wherever fresh, juicy orange notes are needed, as well as in tangerine, mandarin and other citrus blends.

►Global Essence; www.globalescence.com