

Caramel	Nuts	Cereals	Cocoa	Coffee	Brown Others	Mint	Dairy	Vanilla	Vegetable	Spices/Herbs	Allium	Meat	Savory Others	Citrus	Red Fruit	Yellow Fruit	Tropical Fruit	Fruit Others	Sweet Others	Alcoholics
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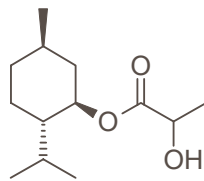
SYMCOOL® NATURAL

Identity

<i>EC Flavoring Regulation 1334/2008</i>	natural flavoring substance
<i>FEMA</i>	3748
<i>FLAVIS</i>	09.551
<i>JECFA</i>	433
<i>CAS</i>	61597-98-6 17162-29-7
<i>GB</i>	S0990
<i>Kosher Status</i>	certified
<i>Halal Status</i>	certified

Chemical structure

l-Menthyl-l-lactate



Flavor Use

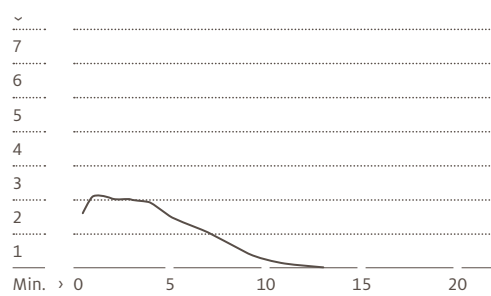
<i>Dosage in 5% Sugar Solution</i>	25 ppm
<i>Useful in</i>	mint, pepper, fruit flavors
<i>Use Level in Food</i>	1 – 2000 ppm

Taste

Cooling, Menthol, Fresh, Minty

Cooling Longevity 30 ppm in 3% sugar solution

Strength



Product data

<i>GC Purity</i>	min. 98% (sum of isomers)
<i>Appearance</i>	colorless liquid to solid
<i>Flash Point</i>	> 100°C
<i>Solidification Point</i>	min. 40°C
<i>Boiling Point</i>	approx. 270°C
<i>Molecular Weight g/mol</i>	228.4
<i>Stabilizer</i>	no
<i>Natural Occurrence</i>	yes

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