

**PRODUCT SPECIFICATION**

<b>Product</b>	: <b>HEXYL CINNAMIC ALDEHYDE</b>		
<b>Product Code</b>	: <b>100000031</b>		
<b>Chemical Name</b>	: 2-Hexyl-3-Phenyl-2-Propenal		
<b>Synonyms</b>	: alpha-Hexyl Cinnamic aldehyde OR alpha-n-hexyl-beta-phenyl acrolein OR HCA OR Octanal, (2-Phenyl Methylene)- OR 2-Phenyl Methylene – Octanal OR alpha-n-Hexyl Cinnamaldehyde OR 2-Benzylidene Octanal OR Hexyl Cinamal OR Jasmonal H		
<b>CAS NO.</b>	: 165184-98-5(101-86-0)	<b>EC No. (EINECS)</b>	: 639-566-4(202-983-3)
<b>FEMA</b>	: 2569	<b>FDA Reg.</b>	: 172.515
<b>CoE No.</b>	: 129	<b>H.S Code</b>	: 2912.29.90
<b>Formula</b>	: C <sub>15</sub> H <sub>20</sub> O	<b>Molecular Weight</b>	: 216.32
<b>Flash Point</b>	: >100°C	<b>Flevis No.</b>	: 05.041
<b>JECFA Falvouring</b>	: 686		
<b>Odour</b>	: Floral, Fruity, Jasmine-like, mild, Fresh		
<b>Intended use</b>	: Perfumery and Flavor		

**ANALYTICAL SPECIFICATION**

<i>Appearance</i>	: Clear pale yellow liquid, may solidify below 4°C *
<i>Olfactory</i>	: To match standard
<i>Specific Gravity</i>	: 0.9490 – 0.9590 at 25/25°C
<i>Specific Gravity</i>	: 0.9520 – 0.9620 at 20/20°C
<i>Refractive Index</i>	: 1.5460 - 1.5500 at 25°C
<i>Refractive Index</i>	: 1.5480 - 1.5520 at 20°C
<i>Purity- sum of cis and trans</i>	
<i>Isomers (By GC)</i>	: 97.0% min.
<i>Trans Isomers (By GC)</i>	: 90.0% min
<i>cis Isomers (By GC)</i>	: 10.00% max
<i>Acid Value (KOH mg/gm)</i>	: 2.0 max

\*Material may freeze in shipping container. Container must be **completely** melted (not to heat above 50 °C) before sampling or emptying.

**OTHER INFORMATION'S**

<b>Packaging type</b>	: EP coated MS / HMHDPE drums, IBC, ISO tanker (SS316).
<b>Storage</b>	: Product easily oxidized, so maintain nitrogen atmosphere all times during storage. Store in tightly closed containers, under nitrogen, in a cool dry place away from direct sunlight.
<b>Shelf Life:</b>	12 Month under recommended storage conditions (After 12 months, the material must be re-tested for Quality, before use)
<b>Additives</b>	: 0.2% TBHQ added
<b>Caution</b>	: Not to heat more than 50°C during melting of frozen material