

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

Product:	Gamma Heptalactone, Natural
FEMA No:	2539
CAS No:	105-21-5
CFR No:	117
Chemical name or Synonyms:	4-Hydroxyheptanoic acid, <i>gamma</i> -lactone
Empirical Formula:	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub>
Declaration in USA:	Natural
EEC:	-
Appearance:	Colorless, slightly oily liquid
Odor:	Wax, creamy, coconut character
Boiling Point:	61-62°C (2 mmHg)
Flash Point:	110°C
Specific Gravity @ 25°C: (for liquids only)	0.996-1.004
Refractive Index @ 20°C: (for liquids only)	1.439-1.445
Purity (GLC):	98% Min
Solubility:	Miscible with alcohol and most fixed oils
Storage and Shelf Life:	Store in tightly sealed, full containers, in a cool, dry and dark area 24 months shelf life

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