

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

Product:	Gamma Nonalactone, Natural
FEMA No:	2781
CAS No:	104-61-0
CFR No:	117
Chemical name or Synonyms:	4-Hydroxy nonanoic acid $\gamma$ -lactone
Empirical Formula:	$C_9H_{16}O_2$
Declaration in USA:	Natural
EEC:	-
Appearance:	Colorless to pale yellow liquid
Odor:	Coconut
Boiling Point:	121-122°C
Flash Point:	110°C
Specific Gravity @ 25°C: (for liquids only)	0.950-0.966
Refractive Index @ 20°C: (for liquids only)	1.440-1.450
Purity (GLC):	97% Min
Solubility:	Soluble in alcohol and most fixed oils
Storage and Shelf Life:	Store under cool conditions in a clean environment away from heat and ignition sources- 24 months shelf life

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