

Product Specification



The Natural Choice for Flavor
and Fragrance Ingredients

Product:	Gamma Dodecalactone, Natural
FEMA No:	2400
CAS No:	2305-05-7
CFR No:	117
Chemical name or Synonyms:	5-Hydroxy dodecanoic acid γ lactone
Empirical Formula:	$C_{12}H_{22}O_2$
Declaration in USA:	Natural
EEC:	Natural Flavoring substance
Appearance:	Colorless to pale yellow
Odor:	Sweet; Fruity, Peach-like
Boiling Point:	131°C
Flash Point:	>110°C
Specific Gravity @ 25°C: (for liquids only)	0.933-0.938
Refractive Index @ 20°C: (For liquids only)	1.451-1.456
Purity (GLC):	97% Min
Solubility:	Soluble in alcohol; insoluble in water
Storage and Shelf Life:	Store at 20°C, in fully sealed container in dry place, protected from extremes of temperatures. 24 months shelf life

Revision #3 8/12/2022