

Product Specification

Product code:	1560
Product name:	Natural Gamma Nonalactone EEC
Chemical name or synonyms:	5-penta-oxolan-2-one; (S)-4-Hydroxy nonanoic acid γ lactone; Gamma Nonalactone
Empirical formula:	C ₉ H ₁₆ O ₂
Declaration in USA:	Natural
EEC:	Natural Flavoring Substance
Appearance:	Colorless to pale yellow liquid
Odor:	Coconut
Melting point (for solids only):	N/a
Boiling point:	121-122°C/6 mm
Flash point:	ca. >110°C
Specific gravity @ 20°/20°C:	0.950-0.970
Refractive index @ 20°C:	1.435-1.455
Optical Rotation:	-30° to -45°
Assay (by GLC):	98% min.
%ee (by Chiral GC):	88% min. (%R: 6% max. and %S: 94% min.)
Solubility:	Insoluble in water; soluble in most organic solvents.
Storage and shelf life:	In tightly closed container away from light and source of ignition at max. 20°C; 48 months min.
FEMA No.:	2781
CFR No.:	172.510
EINECS No.:	203-219-1
CAS No.:	63357-97-1/104-61-0
CoE No.:	178
HS code:	2932.20.5050
FLAVIS No.:	10.001