

Product Specification

Product code:	1114
Product name:	Natural Delta Dodecalactone EEC
Chemical name or synonyms:	(R)-5-Hydroxy –Dodecanoic acid δ lactone
Empirical formula:	$C_{12}H_{22}O_2$
Declaration in USA:	Natural
EEC:	Natural Flavoring Substance
Appearance:	Colorless to yellow liquid
Odor:	Coconut
Melting point (for solids only):	N/a
Boiling point:	140°C/1 mm
Flash point:	ca. >110°C
Specific gravity @ 20°/20°C:	0.935 - 0.965
Refractive index @ 20°C:	1.457 - 1.473
Optical rotation:	+25° to +50°
Assay (by GLC):	95% min.
%ee (by Chiral GC):	80% min. (%R: 90% min. and %S: 10% max.)
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; 12 months min.
FEMA No.:	2401
CFR No.:	172.510
EINECS No.:	211-932-4
CAS No.:	29587-89-1/713-95-1
CoE No.:	624
HS code:	2932.20.5050
FLAVIS No.:	10.008