

Product Specification

Product code:	1435
Product name:	Natural Gamma Undecalactone EU
Chemical name or synonyms:	Aldehyde C-14; (R)-4-Hydroxyundecanoic acid γ lactone
Empirical formula:	C ₁₁ H ₂₀ O ₂
Declaration in USA:	Natural
EU:	Natural Flavoring Substance
Appearance:	Pale yellow to yellow liquid
Odor:	Fruity
Melting point (for solids only):	N/a
Boiling point:	164-166°C/13 mm
Flash point:	>110°C
Specific gravity @ 20°/20°C:	0.938 - 0.948
Refractive index @ 20°C:	1.449 - 1.459
Optical Rotation	+34° to +40°
Assay (by GLC):	98% 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 max. 20°C; 24 months min.
FEMA No.:	3091
CFR No.:	172.510
EINECS No.:	203-225-4
CAS No.:	104-67-6/74568-06-2
CoE No.:	179
HS code:	2932.20.5050
FLAVIS No.:	10.002

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