

Product Specification

Product code:	1018
Product name:	Natural Delta Decalactone EU
Chemical name or synonyms:	(R)-6-pentaloxan-2- one; (R)-5-Hydroxy decanoic acid δ lactone
Empirical formula:	C ₁₀ H ₁₈ O ₂
Declaration in USA:	Natural
EU:	Natural Flavoring Substance
Appearance:	Colorless to yellow liquid
Odor:	Peach, Creamy
Boiling point:	281°C
Flash point:	82.0°C
Specific gravity @ 20°/20°C:	0.967 - 0.975
Refractive index @ 20°C:	1.454 - 1.464
Optical Rotation:	+30° to +55°
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.:	2361
CFR No.:	172.510
EINECS No.:	211-88-91
CAS No.:	2825-91-4/705-86-2
CoE No.:	621
HS code:	2932.20.5050
FLAVIS No.:	10.007

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