

Product Specification

Product code:	1898
Product name:	Natural Gamma Heptalactone EU
Chemical name or synonyms:	(S)-(-)-dihydro-5-propyl-2(3H)-Furanone
Empirical formula:	C ₇ H ₁₂ O ₂
Declaration in USA:	Natural
EU:	Natural Flavoring Substance
Appearance:	Colorless to pale yellow liquid
Odor:	Coconut
Melting point (for solids only):	N/a
Boiling point:	233°C
Flash point:	>110°C
Specific gravity @ 20°/20°C:	0.994 - 1.004
Refractive index @ 20°C:	1.434 - 1.454
Assay (by GLC):	98% min.
Optical Rotation:	-51.0° to -41.0°
% ee (by Chiral GC):	80% min. (%R: 10% min. and %S: 90% 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; 24 months.
FEMA No.:	2539
CFR No.:	172.510
EINECS No.:	203-27-99
CAS No.:	105-21-5/31323-51-0
CoE No.:	2253
HS code:	2932.20.5050
FLAVIS No.:	10.020

Date: Mar. 2023
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