



Product Specification

Product code:	1124
Product name:	Natural Gamma Decalactone EU
Chemical name or synonyms:	(R)-4-Hydroxydecanoic acid γ lactone
Empirical formula:	C ₁₀ H ₁₈ O ₂
Declaration in USA:	Natural
EU:	Natural Flavoring Substance
Appearance:	Colorless to pale yellow liquid
Odor:	Fruity, Peach
Melting point (for solids only):	N/a
Boiling point:	281°C
Flash point:	>110°C
Specific gravity @ 20°/20°C:	0.948 - 0.958
Refractive index @ 20°C:	1.442 - 1.452
Optical Rotation:	+35° to +45°
Assay (by GLC):	98% min.
%ee (by chiral gc):	90% min. (%R: 95% min. and %S: 5% 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.
FEMA No.:	2360
CFR No.:	172.510
EINECS No.:	211-892-8
CAS No.:	706-14-9/107797-26-2
CoE No.:	2230
HS code:	2932.20.5050
FLAVIS No.:	10.017

Date: Nov. 2025
Version: 7.0