

Product Specification

Product code:	1639
Product name:	Natural Alpha Ionone Chiral
Chemical name or synonyms:	(R)-(+)-(3E)-4-(2,6,6-Trimethylcyclohex-2-en-1-yl)but-3-en-2-one; (R)-(+)-(E)-Alpha-Ionone
Empirical formula:	C ₁₃ H ₂₀ O
Declaration in USA:	Natural
EU:	Natural Flavoring Substance
Appearance:	Yellow to light tan liquid
Odor:	Fruity; Raspberry; Violet
Melting point (for solids only):	N/a
Boiling point:	237°C
Flash point:	> 110°C
Specific gravity @ 20°/20°C:	0.920 - 0.950
Refractive index @ 20°C:	1.490 - 1.510
Optical Rotation @ 20°C:	+320 to +390°
Optical Rotation @ 20°C:	+32.0 to +39.0° (10% v/v dilution in Ethanol)
% ee (by Chiral GC):	90% min. (%R: 95% min. and %S: 5% max.)
Assay (by GC/FID):	95% min.
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; 42 months.
FEMA No.:	2594
CFR No.:	172.510
EINECS No.:	204-841-6
CAS No.:	24190-29-2/127-41-3
CoE No.:	141
HS code:	2914.23.0000
FLAVIS No.:	7.007