



Product Specification

Product code:	1498
Product name:	Natural Beta Caryophyllene
Chemical name or synonyms:	2-Methylene-6,10,10 trimethyl bicyclo[7.2.0]undec-5-ene
Empirical formula:	C ₁₅ H ₂₄
Declaration in USA:	Natural
EU:	Natural Flavoring Substance
Appearance:	Colorless to pale yellow liquid
Odor:	Woody-spicy
Melting point (for solids only):	N/a
Boiling point:	262 – 264°C
Flash point:	96.0°C
Specific gravity @ 20°/20°C:	0.900 – 0.930
Refractive index @ 20°C:	1.491 – 1.507
Optical Rotation:	-8° to -10°
Assay (by GLC):	95.0% min.
%ee (by Chiral GC):	96% (%S: 98% min and %R: 2% max.)
Solubility:	Slightly soluble in water; soluble in most organic solvents.
Storage and shelf life:	In tightly closed container away from light and source of ignition at max. 4°C under N ₂ ; 36 months.
FEMA No.:	2252
CFR No.:	172.510
EINECS No.:	201-746-1
CAS No.:	87-44-5
CoE No.:	2118
HS code:	2902.19.0050
FLAVIS No:	1.007

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