

Product Specification

Isobionics® Santalol

Product code	SALiso
Product name	Isobionics® Santalol
Chemical name (main isomers)	(2Z)-5-[(1R,3R,6S)-2,3-Dimethyltricyclo[2.2.1.0 ^{2,6}]hept-3-yl]-2-methyl-2-penten-1-ol (2Z)-2-Methyl-5-[(1S,2R,4R)-2-methyl-3-methylenebicyclo[2.2.1]hept-2-yl]-2-penten-1-ol (2E)-5-[(1R,3R,6S)-2,3-Dimethyltricyclo[2.2.1.0 ^{2,6}]hept-3-yl]-2-methyl-2-penten-1-ol (2E)-2-Methyl-5-[(1S,2R,4R)-2-methyl-3-methylenebicyclo[2.2.1]hept-2-yl]-2-penten-1-ol
CAS No. (main isomers)	Santalol (alpha and beta): 11031-45-1 (Z)-alpha-Santalol: 115-71-9 (Z)-beta-Santalol: 77-42-9 (E)-alpha-Santalol: 14490-17-6 (E)-beta-Santalol: 37172-32-0
Molecular formula	C ₁₅ H ₂₄ O
Molecular weight	220,35

Test	Specifications
Odour	Warm woody, balsamic, resinous
Appearance	Clear, yellow liquid
GC Assay	(Z)-alpha-Santalol ≥ 32% (Z)-beta-Santalol ≥ 16% (E)-alpha-Santalol ≤ 15% (E)-beta-Santalol ≤ 7%
Refractive Index (at 20 °C)	1,500 - 1,520
Density (g/mL at 20 °C)	0,94 - 0,98

Legislation	FEMA No.	3006
	EU flavor No.	02.217; 02.216
	EINECS	-
Regulatory status	Kosher	YES
	Halal	-
	EU natural	NO
	US natural	NO
	Food grade	-

Use	In fragrances.
Solubility	Soluble in essential oils, ethanol, triacetin.
Packaging	Aluminium bottle, steel drum.
Storage	Store under nitrogen in a cool (10-15 °C), dark and dry place.
Shelf life	12 months (stored in unopened, original packaging).

Approved by: Emanuele Rizzi

Date: 23-10-2020

Quality & Regulatory Manager



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