

## Product Specification

### Isobionics® Santalol

<b>Product code</b>	SALiso
<b>Product name</b>	Isobionics® Santalol
<b>Chemical name</b>	Santalol oil
(main isomers)	(2Z)-5-[(1R,3R,6S)-2,3-Dimethyltricyclo[2.2.1.0 <sup>2,6</sup> ]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 <sup>2,6</sup> ]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
<b>CAS No.</b>	2576531-09-2
<b>Molecular formula</b>	C <sub>15</sub> H <sub>24</sub> O
<b>Molecular weight</b>	220,35

Test	Specifications
Odour	Warm woody, balsamic, resinous
Appearance	Clear, yellow liquid
GC Assay	(Z)-alpha-Santalol ≥ 28% (Z)-beta-Santalol ≥ 16% (E)-alpha-Santalol ≤ 18% (E)-beta-Santalol ≤ 8%
Refractive Index (at 20 °C)	1,500 - 1,520
Density (g/mL at 20 °C)	0,94 - 0,98

<b>Legislation</b>	FEMA No.	3006
	EU flavor No.	02.217; 02.216
	EINECS	-
<b>Regulatory status</b>	Kosher	YES
	Halal	YES
	EU natural	NO
	US natural	NO
	Food grade	-
<b>Use</b>	In fragrances.	
<b>Solubility</b>	Soluble in essential oils, ethanol, triacetin.	
<b>Packaging</b>	Aluminium bottle, steel drum.	
<b>Storage</b>	Store under nitrogen in a cool (10-15 °C), dark and dry place.	
<b>Shelf life</b>	12 months (stored in unopened, original packaging).	

Approved by: Ruud Hermans  
Date: 02-AUG-2022  
Quality & Regulatory Manager

