

## Product Specification

### Isobionics<sup>®</sup> Natural beta-Bisabolene 90

<b>Product Code</b>	BBI90 / 30794719
<b>Chemical name</b>	beta-Bisabolene
<b>Synonym</b>	(S)-1-Methyl-4-(5-methyl-1-methylene-4-hexenyl)cyclohexene
<b>CAS number</b>	495-61-4
<b>Molecular formula</b>	C <sub>15</sub> H <sub>24</sub>
<b>Molecular weight</b>	204,4

Test	Description	Specifications
Odour	According to reference	Typical citrus-like, green and flowery
Appearance	Visual	Clear colourless to pale yellow liquid
Colour	Gardner Scale	≤ 2
beta-Bisabolene	GC Assay (area%) <sup>1</sup>	> 90
n-Dodecane	GC Assay (area%) <sup>1</sup>	< 100 ppm
Density	g/ml at 20 °C	0,84 - 0,88
Refractive index	at 20°C	1,479 - 1,499
Water	Visual inspection	Absent
Particles	Visual inspection	Absent

1. Internal GC Method: AM-QA-001 – BBI90.

<b>Grade</b>	Natural US and EU	YES
	ISO 9235	YES
<b>Legislation</b>	EINECS	610-461-5
	FEMA	4940
	EU flavour no.	FL 01.028
	China	S0669 (referring to FEMA 3331)
<b>Certification</b>	Kosher	YES
	Halal	YES
<b>Use</b>	In flavours.	
<b>Solubility</b>	Soluble in essential oils, ethanol, triacetin.	
<b>Packing</b>	PE lined steel drum, IBC.	
<b>Storage</b>	Store under nitrogen at ambient temperature (3 months max.) in a dark and dry place, extended storage below 20 °C.	
<b>Shelf life</b>	36 months (stored in unopened original container).	

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#### Product specification

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