

## Product Specification

### Isobionics<sup>®</sup> Natural Valencene 75

<b>Product code</b>	VAL75 / 30794721
<b>Chemical name</b>	Valencene
<b>Synonym</b>	(1R,7R,8aS)-1,2,3,5,6,7,8,8a-Octahydro-1,8a-dimethyl-7-(1-methylethenyl)naphthalene
<b>CAS No.</b>	4630-07-3
<b>Molecular formula</b>	C <sub>15</sub> H <sub>24</sub>
<b>Molecular weight</b>	204,36

Test	Description	Specifications
Odour	According to reference	Slightly orange, citrus fruit, floral
Appearance	Visual	Clear, colourless to pale yellow liquid
Colour	Gardner Scale	≤ 2
Valencene	GC Assay (area%) <sup>1</sup>	> 75
beta-Elemene	GC Assay (area%) <sup>1</sup>	< 0,5
n-Dodecane	GC Assay (area%) <sup>1</sup>	< 100 ppm
Density	g/ml at 20 °C	0,89 - 0,93
Refractive index	at 20 °C	1,498 - 1,518
Water	Visual inspection	Absent
Particles	Visual inspection	Absent

1. Internal GC Method: AM-QA-001 - VAL80.

<b>Grade</b>	Natural US and EU	YES
	ISO 9235	YES
<b>Legislation</b>	EINECS	225-047-6
	FEMA	4838
	EU flavour no.	FL 01.017
	China	S0652 (referring to FEMA 3443)
<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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