

Product Specification

Isobionics® Natural Valencene 80

Product code	VAL80 / 30794722
Chemical name	Valencene
Synonym	(1 <i>R</i> ,7 <i>R</i> ,8 <i>aS</i>)-1,2,3,5,6,7,8,8 <i>a</i> -Octahydro-1,8 <i>a</i> -dimethyl-7-(1-methylethenyl)naphthalene
CAS No.	4630-07-3
Molecular formula	C ₁₅ H ₂₄
Molecular weight	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%) ¹	> 80
beta-Elementene	GC Assay (area%) ¹	< 0,5
n-Dodecane	GC Assay (area%) - Monitor	< 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.

Grade	Natural US and EU	YES
	ISO 9235	YES
Legislation	EINECS	225-047-6
	FEMA	4838
	EU flavour no.	FL 01.017
	China	S0652 (referring to FEMA 3443)
Certification	Kosher	YES
	Halal	YES
Use	In flavours.	
Solubility	Soluble in essential oils, ethanol, triacetin.	
Packing	PE lined steel drum, IBC.	
Storage	Store under nitrogen at ambient temperature (3 months max.) in a dark and dry place, extended storage below 20 °C.	
Shelf life	36 months (stored in unopened original container).	

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Product specification

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