

## Product Specification

### Isobionics® Natural *trans-alpha*-Bergamotene 80

<b>Product code</b>	TAB80 / 30794720
<b>Product name</b>	Isobionics® Natural <i>trans-alpha</i> -Bergamotene 80
<b>Chemical name</b>	(1S,5S,6R)-2,6-Dimethyl-6-(4-methyl-3-penten-1-yl)bicyclo[3.1.1]hept-2-ene
<b>CAS No.</b>	13474-59-4
<b>Molecular formula</b>	C <sub>15</sub> H <sub>24</sub>
<b>Molecular weight</b>	204,35

Test	Specifications
Odour	Citrusy, fresh, earthy green
Taste	Green, citrus, dry woody
Appearance	Clear, colourless to pale yellow liquid
Gardner Scale	≤ 2
GC Assay	<i>trans-alpha</i> -Bergamotene ≥ 80%
Refractive Index (at 20 °C)	1,478 - 1,498
Density (g/mL at 20 °C)	0,85 - 0,89

<b>Legislation</b>	FEMA No.	4960
	EINECS	603-860-0
	EU flavor No.	-
<b>Regulatory status</b>	Kosher	YES
	Halal	YES
	EU natural	YES
	US natural	YES
	Food grade	YES
<b>Use</b>	In flavours.	
<b>Solubility</b>	Soluble in essential oils, ethanol, triacetin.	
<b>Packaging</b>	Aluminium bottle, steel drums.	
<b>Storage</b>	Store under nitrogen in a cool (10-15 °C), dark and dry place.	
<b>Shelf life</b>	36 months (stored in unopened, original packaging).	

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