

## Product Specification

### Isobionics® Natural Germacrene D 85

<b>Product code</b>	GCD85
<b>Product name</b>	Isobionics® Natural Germacrene D 85
<b>Chemical name</b>	(1E,6E,8S)-1-Methyl-5-methylene-8-(1-methylethyl)-1,6-cyclodecadiene
<b>CAS No.</b>	23986-74-5
<b>Molecular formula</b>	C <sub>15</sub> H <sub>24</sub>
<b>Molecular weight</b>	204,35

Test	Specifications
Odour	Floral, soapy, green
Taste	Cucumber-like, green, floral
Appearance	Gardner ≤ 4
GC Assay	Germacrene D ≥ 85%
GC Assay	n-Dodecane ≤ 0,2%
Refractive Index (at 20 °C)	1,500 - 1,520
Density (g/mL at 20 °C)	0,86 - 0,90

<b>Legislation</b>	FEMA No.	4974
	EU flavor No.	-
	EINECS	639-624-9
<b>Regulatory status</b>	Kosher	YES
	Halal	YES
	EU natural	YES
	US natural	YES
	Food grade	YES

**Use** In flavours.

**Solubility** Soluble in essential oils, ethanol, triacetin.

**Packaging** Aluminium bottle, steel drums.

**Storage** Store under nitrogen in a cool (0-4 °C), dark and dry place.

**Shelf life** 24 months (stored in unopened, original packaging).

May form polymeric by-products during storage.

Contains 0,1% natural tocopherol.

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