

## Product Specification

### Isobionics<sup>®</sup> Natural *beta*-Farnesene 90

<b>Product code</b>	BFA90
<b>Product name</b>	Isobionics <sup>®</sup> Natural <i>beta</i> -Farnesene 90
<b>Chemical name</b>	(6 <i>E</i> )-7,11-Dimethyl-3-methylene-1,6,10-dodecatriene
<b>CAS No.</b>	18794-84-8
<b>Molecular formula</b>	C <sub>15</sub> H <sub>24</sub>
<b>Molecular weight</b>	204,35

Test	Specifications
Odour	Herbal, fresh green, sweet
Taste	Woody, astringent, vegetative
Appearance	Clear, colourless to pale yellow liquid
GC Assay	<i>beta</i> -Farnesene ≥ 90%
GC Assay	n-Dodecane ≤ 0,2%
Refractive Index (at 20 °C)	1,477 -1,497
Density (g/mL at 20 °C)	0,79 - 0,83

<b>Legislation</b>	FEMA No.	4971
	EU flavor No.	-
	EINECS	242-582-0
<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. Organoleptic properties may weaken.

Contains 0,1 % natural tocopherol.

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