

## Product Specification

### Valencene 80

|                          |  |
|--------------------------|--|
| <b>Product code</b>      | VAL80  |
| <b>Product name</b>      | Valencene 80 Natural   |
| <b>Chemical name</b>     | (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 |
| <b>CAS No.</b>           | 4630-07-3  |
| <b>Molecular formula</b> | C <sub>15</sub> H <sub>24</sub>  |
| <b>Molecular weight</b>  | 204,35   |

| Test                        | Specifications                          |
|-----------------------------|---|
| Odour                       | Slightly orange, citrus fruit, floral   |
| Taste                       | Citrus, orange, fresh, fruity           |
| Appearance                  | Clear, colourless to pale yellow liquid |
| GC assay                    | Valencene ≥ 80%                         |
| Refractive Index (at 20 °C) | 1,498 - 1,518                           |
| Density (g/mL at 20 °C)     | 0,89 - 0,93                             |

|                          |               |           |
|--------------------------|---------------|-----------|
| <b>Legislation</b>       | FEMA No.      | 4838      |
|                          | EU flavor No. | 01.017    |
|                          | EINECS        | 225-047-6 |
| <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 (10-15 °C), dark and dry place.

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



Approved by: Emanuele Rizzi

Date: 14-08-2020

Quality & Regulatory Manager