

## Product Specification

### Nootkatone 70

<b>Product code</b>	NOK70
<b>Product name</b>	Nootkatone 70
<b>Chemical name</b>	(4 <i>R</i> ,4 <i>aS</i> ,6 <i>R</i> )-4,4 <i>a</i> -dimethyl-6-(prop-1-en-2-yl)-4,4 <i>a</i> ,5,6,7,8-hexahydronaphthalen-2(3 <i>H</i> )-one
<b>CAS No.</b>	4674-50-4
<b>Molecular formula</b>	C <sub>15</sub> H <sub>22</sub> O
<b>Molecular weight</b>	218,33

Test	Specifications
Odour	Citrus, grapefruit-like, slightly woody
Taste	Typical, grapefruit-like
Appearance	Clear, pale to dark yellow liquid and/or crystals <sup>1</sup>
GC assay	Nootkatone ≥ 70%
Refractive Index (at 20 °C)	1,519 - 1,539
Density (g/mL at 20 °C)	0,97 - 1,01

<sup>1</sup>: Product may form crystals. If it is necessary to melt it, do not exceed 50 °C.

<b>Legislation</b>	FEMA No.	3166
	EU flavor No.	07.089
	IFRA Id	222
	EINECS	225-124-4
<b>Regulatory status</b>	Kosher	YES
	Halal	YES
	EU natural	NO
	US natural	NO
	Food grade	YES
<b>Use</b>	In flavours.	
<b>Solubility</b>	Soluble in essential oils, ethanol, triacetin.	
<b>Packaging</b>	Aluminium bottle.	
<b>Storage</b>	Store under nitrogen in a cool (10-15 °C), dark and dry place.	
<b>Shelf life</b>	24 months (stored in unopened, original packaging).	



Approved by: Emanuele Rizzi  
Date: 14-08-2020  
Quality & Regulatory Manager