

## Product Specification

### Isobionics® Nootkatone 98

<b>Product code</b>	NOK98
<b>Product name</b>	Isobionics® Nootkatone 98
<b>Chemical name</b>	(4R,4aS,6R)-4,4a-dimethyl-6-(prop-1-en-2-yl)-4,4a,5,6,7,8-hexahydronaphthalen-2(3H)-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	White to pale yellow crystals <sup>1</sup>
GC assay	Nootkatone ≥ 98%

<sup>1</sup>: If it is necessary to melt the product, 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, in fragrances.
<b>Solubility</b>	Soluble in essential oils, ethanol, triacetin.
<b>Packaging</b>	Aluminium bottle.
<b>Storage</b>	Store under nitrogen in a cool (2-8 °C), dark and dry place.
<b>Shelf life</b>	36 months (stored in unopened, original packaging).

Approved by: Ruud Hermans  
Date: 14-MAR-2023  
Quality & Regulatory Manager

