

Product Specification

Nootkatone 80

Product code	NOK80
Product name	Nootkatone 80
Chemical name	(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
CAS No.	4674-50-4
Molecular formula	C ₁₅ H ₂₂ O
Molecular weight	218,33

Test	Specifications
Odour	Citrus, grapefruit-like, slightly woody
Taste	Typical, grapefruit-like
Appearance	Clear, pale to dark yellow liquid and/or crystals ¹
GC assay	Nootkatone ≥ 80%
Refractive Index (at 20 °C)	1,519 - 1,539
Density (g/mL at 20 °C)	0,97 - 1,01

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

Legislation	FEMA No.	3166
	EU flavor No.	07.089
	IFRA Id	222
	EINECS	225-124-4
Regulatory status	Kosher	YES
	Halal	YES
	EU natural	NO
	US natural	NO
	Food grade	YES
Use	In flavours.	
Solubility	Soluble in essential oils, ethanol, triacetin.	
Packaging	Aluminium bottle.	
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