



Natural Nootkatone 70-80%

(Kosher)

5,6-Dimethyl-8-isopropenylbicyclo[4.4.0]-1-decen-3-one

Code:	4101
IFF IPC:	140939
Empirical Formula:	C ₁₅ H ₂₂ O
Molecular Weight:	218.33
Odor:	Grapefruit and citrus like.
Occurrence:	Found in grapefruit and other citrus fruits.
Appearance:	Transparent yellow liquid.
Assay:	70-80%
Density (g/ml at 20°C):	0.970 - 1.010
Refractive Index (at 20°C):	1.514 - 1.528
Optical Rotation (at 20°C):	+110° to +155°
Flash Point:	110°C
Solubility in Ethanol 95%:	In all proportions.
Uses:	Used extensively in grapefruit and other citrus flavors.
Legislation:	CAS No. 4674-50-4 FEMA No. 3166 EINECS No. 225-124-4 IFRA S
Legal Status:	Natural
Packing:	Aluminum can or Epoxy coated standard steel drumlet.
Shelf life/Storage:	12 months if stored in full, closed airtight containers, in the absence of light, in a cool, well ventilated area away from sources of heat or ignition. Containers should be nitrogen-capped after use since oxygen and moisture absorption may cause flavor/odor deterioration. After 12 months the material should be re-tested before use.

The data detailed above are for information only and refer to a typical batch of Natural Nootkatone and do not form part of any product specification, contractual obligation or order.

Approval signatures:	Revision:	Date:
Dr. Yigal Becker	13	31/10/2018