



Natural Nootkatone 50-60%

(Kosher)

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

Code: 4103 , IFF IPC : 140938

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: 50-60%

Density (g/ml at 20°C): 0.960 - 1.002

Refractive Index (at 20°C): 1.503 - 1.522

Optical Rotation (at 20°C): +70° to +120°

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	11	18.10.2018