



OZONE NATURALS

Doc No: ON/FG/ SPEC /006A

Effective From: 01/01/2021

PRODUCT NAME:- NUTMEG OIL

BOTANICAL NAME	<i>Myristicafragrans</i>
PLANT OF ORIGIN	INDIA
PART OF THE PLANT USED	DRIED SEEDS
CAS	84082-68-8, 8008-45-5
EINECS	282-013-3
FEMA	2793
EXTRACTION METHOD	Super critical fluid extraction by liquid CO ₂

PHYSICAL PROPERTIES

S.NO.	PARAMETER	SPECIFICATION	METHOD USED
1.	Description	Light yellow to dark yellow color viscous liquid.	Visually
2.	Solubility	Insoluble in water & miscible with oil and fat-soluble organic solvent.	Visually
3.	Odour	Characteristic, fresh, spicy Aromatic, Penetrating, fresh ground nutmeg.	By Odour
4.	Taste	Characteristic ground nutmeg taste	By Sensory

CHEMICAL PROPERTIES

S.NO.	PARAMETER	SPECIFICATION	METHOD USED
1.	Moisture % (w/w)	NMT – 5.0%	USP<921> Method 1
2.	Specific Gravity (@ 25°C)	0.860 to 0.910	USP<841> Method 1
3.	Refractive Index (@ 25°C)	1.470 to 1.488	USP<831>
4.	Volatile Oil Content % (v/w)	NLT – 80.0 %	AOAC 962.17
5.	Myristicin Content (%)	NLT – 25.0%	In-house Method (GC-MS)
6.	Sebinine Percentage (%)	NMT – 2.0%	In-house Method (GC-MS)

Storage Conditions:- Keep it away from heat & direct sunlight; store in cool & dry place, shake well before use. Do not handle with bare hands.

Declaration:- Free from the GMO, Solvent traces, Pesticide, heavy metals, NOTS & other additive.

Packing Size:- Food grade HDPE 1 kg, 5kg, 10kg, 25kg, 50kg, 190kg & 1000kg IBC, Aluminum 1kg, 5kg, 10kg, 25kg.

Storage & Shelf Life:- 18 months from the date of manufacture when stored ambient conditions in closed containers.

Application:- Raw material for the industrial use, Indented use for the manufacturer of flavors.

NH2 - GADPURI ROAD, VILLAGE GADPURI, DISTT. PALWAL- 121102 (HARYANA) INDIA

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