



OZONE NATURALS

Doc No: ON/FG/ SPEC /025

Effective From: 01/01/2021

PRODUCT NAME:- FENUGREEK SEED OLEORESIN

BOTANICAL NAME	<i>TRIGONELLA FOENUM GRAECUM</i>
PLANT OF ORIGIN	INDIA
PART OF THE PLANT USED	DRIED FENUGREEK SEED
CAS	84625-40-1, 68990-15-8
EINECS	283-415-1
FEMA	2486
EXTRACTION METHOD	Super critical fluid extraction by liquid CO ₂

PHYSICAL PROPERTIES

S.NO.	PARAMETER	SPECIFICATION	METHOD USED
1.	Description	Light Yellow to Reddish-Brown colour Viscous Liquid	Visually
2.	Solubility	Insoluble in water & miscible with oil and fat-soluble organic solvent.	Visually
3.	Odour	Characteristic, spicy, herbaceous odour	By Odour
4.	Taste	Characteristic ground fenugreek seed like 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)	0.9050 to 0.9680	USP<841> Method 1
3.	Refractive Index (@ 25°C)	1.4550 to 1.4850	USP<831>

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.