

TECHNICAL DATA SHEET

Sr. No. : UL3000010-V-04
Issue Date: 29/03/2023
QUALITY CONTROL : We declare that certificate of analysis of this material is inspected according to quality parameters as below :

Item Code	UL3000010
Item Name	BLACK SEED OIL



Test Parameters	Specifications
CAS #	90064-32-7
EINECS #	290-094-1
FEMA#	2342
Botanical Name	Nigella sativa L.
Description	Yellow to dark amber mobile liquid with characteristic odor and taste.
Origin	This oil is the fixed oil expressed from the seeds of Nigella sativa L.
Appearance	Yellow to dark amber
Physical Status	Liquid
Flash Point (Closed cup) °C	> 150°C
Refractive Index	1.460 - 1.480 @20°C
Relative Density	0.907 - 0.927 @25°C
Optical Rotation	Not Determined
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Assay by GC	Linoleic acid: 50-60% Oleic acid: 20-30% Palmitic acid: 5-15%
Shelf Life	12 months with proper storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases & all oxidizing agents.
Uses	Fragrance and Flavour application.

PACKING & STORAGE	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
HANDLING PRECAUTION	Handle in adequate ventilation, Avoid skin and eye contact, use goggles or face shield and wear protective clothing.

This is a system generated document hence need not be authenticated.

