



TECHNICAL DATA SHEET

PRODUCT:

MORINGA OIL

ITEM NUMBER:

05-6000

CERTIFICATIONS:

N/A

- **INCI NAME:** *Moringa Oleifera Seed Oil* • **REACH STATUS:** Exempt
- **CAS NUMBER:** 93165-54-9 • **EINECS NUMBER:** 296-941-1

DESCRIPTION:

Vegetable Oil (triglyceride) derived from the seeds of Moringa oleifera.

ANALYSIS

SPECIFICATION

APPEARANCE

PALE YELLOW LIQUID

ODOR

MILD CHARACTERISTIC

IDENTIFICATION BY FT-IR

SPECTRAL COMPARISON

MOISTURE

LESS THAN (<) 1%

REFRACTIVE INDEX @ 25°C

1.450 – 1.472

SPECIFIC GRAVITY @ 20°C

0.88 – 0.92

SAPONIFICATION VALUE

170 – 210

IODINE VALUE

60 – 100g

PEROXIDE VALUE (AT TIME OF DRUMMING)

5.0 meq/Kg MAXIMUM

ACID VALUE

10 KOH/g MAXIMUM

MICROBIOLOGY

AEROBIC

LESS THAN 100 CFU/mL

MOLDS & YEAST

LESS THAN 100 CFU/mL

MICROBIAL E. COLI

ABSENT

MICROBIAL SALMONELLA

ABSENT

SHELF LIFE: 2 YEARS FROM MANUFACTURING DATE, IN AN UNOPENED CONTAINER

OPTIMAL STORAGE CONDITIONS: STORE IN A ROOM WITH A TEMPERATURE WITHIN 15 °F TO 26 °F

NO PRESERVATIVES ADDED

"THE MATERIAL SHOULD BE KEPT IN TIGHTLY CLOSED CONTAINERS PROTECTED FROM DIRECT SUNLIGHT"

RAW MATERIAL FOR FURTHER PROCESSING

Exposure to cool temperatures may result in partially or completely solidification of the oil, warm the product until clear to ensure homogeneity.

REVISION DATE: 11-28-22