



# 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 | MATCHES STANDARD     |
| MOISTURE                | LESS THAN (<) 1%     |
| REFRACTIVE INDEX @ 25°C | 1.450 – 1.472        |
| SPECIFIC GRAVITY @ 20°C | 0.88 – 0.92 g/mL     |
| H-NMR                   | MATCHES STANDARD     |
| AOM                     | 20 meq/kg MINIMUM    |
| SAPONIFICATION VALUE    | 170 – 210            |
| IODINE VALUE            | 60 – 100g            |
| PEROXIDE VALUE          | 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               |

NO PRESERVATIVES

SHELF LIFE: 3 YEARS FROM MANUFACTURING DATE IN AN UNOPENED CONTAINER

RAW MATERIAL FOR FURTHER PROCESSING

*“THE MATERIAL SHOULD BE KEPT IN TIGHTLY CLOSED CONTAINERS PROTECTED FROM DIRECT HEAT/SUNLIGHT.”*

REVISION DATE: 07-10-19