



| Sample Details | |
|--------------------|-------------------------|
| Sample Description | Castor Oil Cold Pressed |
| Sample Lot No | ASLT-1889 |
| Sample From | EARTH LIKE ORGANICS |
| Sample Date | 16.01.2024 |
| Expiry Date | 15.01.2025 |
| Quantity | 200 kg |
| Other Details | |

COLD PRESSED CASTOR OIL Certificate of Analysis

| S. No | TESTS | Method | Observed |
|-------|---------------------------------------------------|------------------------------------------------|-----------------------------------------|
| 1 | Appearance | Pale Yellow, Brilliantly clear, viscous liquid | Complies |
| 2 | Odor | Characteristics odor of Castor Oil | Characteristics mild odor of Castor Oil |
| 3 | Refractive Index (at 25°C) | 1.476 – 1.479 | 1.4778 |
| 4 | Specific Gravity @30°C. (g/cm ³) | 0.954 - 0.960 | 0.9597 |
| 5 | Iodine Value, (Wij's), (gm I ₂ /100gm) | 82 – 90 | 85.46 |
| 6 | Free Fatty Acid (As Oleic) (%) | 0.40 Max | 0.311 |
| 7 | Acid Value (mg KOH/gm) | 0.8 Max | 0.62 |
| 8 | Moisture (K.F) (%) | 0.25 Max | 0.11 |
| 9 | Color, Gardner | 1 G Max | <1 G |
| 10 | Hydroxyl value, (mg KOH/gm) | 160 Min | 164.64 |
| 11 | Unsaponifiable Matter (%) | 0.8 Max | 0.39 |
| 12 | Saponification Value (mg KOH/gm) | 177 – 185 | 180.24 |
| 13 | Color on Lovibond Tintometer Scale in 5.1/4" Cell | Yellow – 8.0 Max Red – 0.8 Max | Y – 8 R – 0.8 |

Remarks:

Based on sample analysis results the product Complies / Not Complies as per Specification

Conclusion: The product is Released / Quarantined / Rejected

| | | | |
|------------------|--|-------------|---------------|
| Date of Analysis | | Analysed by | Authorised by |
| Reference | | Sundar | Ganesh |