



MPL Products
26 Baddesley Way
Canning Vale, Western Australia
Australia, Post Code – 6155
ph: +61421837661
email: mplexim61@gmail.com

Technical Data Sheet and Specification – Castor Oil BP

GENERAL INFORMATION

Castor Oil BP Grade refers to the castor oil that has specifications conforming to the British Pharmacopoeia standards.

SPECIFIC PROPERTIES

| | | |
|--------------------------|--------------------------|----------------------------------|
| Appearance | --- | Pale yellow Clear Viscous Liquid |
| Color | Gardner | 3 max |
| Acid Value | mg KOH/g | 2 max |
| Moisture | % | 0.3 max |
| Insoluble Impurities | % | Nil |
| Peroxide Value | meq/kg | 5 max |
| Light Absorbance, 269 nm | --- | 1 max |
| Free Fatty Acid | % | 1 max |
| Optical Rotation | --- | +3.5 to +6.0 |
| Unsaponifiable matter | % | 0.8 max |
| Iodine Value | gI ₂ / 100 gm | 82-90 |
| Saponification Value | mg KOH/g | 176-187 |
| Hydroxyl Value | Mg KOH/g | 150 min |
| Sp.Gr., 20 Deg C | --- | 0.952-0.965 |
| R.I. @15 Deg C | --- | 1.4710-1.4810 |

ADVANTAGES AND APPLICATIONS

1. Pharmaceuticals and Cosmetics.
2. It is used as emollient for pharmaceutical creams and lotions.
3. It is also used in lubricants, paints, resins, grease, cosmetics, waxes, textile, leather, polyols, surfactants, printing Inks, water proofing additives, emulsifiers, plasticizers, pigments etc.

PACKAGING

Iso Tank, 200 kg Barrel, 950 kg IBC Tank