

Certificate of Analysis

Date of Testing: 2024-06-19 17:29:13
Date of Next Testing: 2028-06-18 17:29:13
Product Name: **Castor oil**
CAS Number: 8001-79-4
Specifications & Purity: USP grade
Lot #: F2417158
SKU #: **C110662**
Version: **0**
Analysis #: **365338**
Storage Temperature: Protected from light, Room temperature

| Parameter | Limit Values | Result |
|---|---------------------------------|---------------------------------|
| Hydroxy Value | 160-168 (mgKOH/g) | 161.10 mgKOH/g |
| Acid Value | 0-2 (mg/g) | 0.71 mg/g |
| Ricinoleic acid | 50-100 (%) | 86.50% |
| Alkalify price | 176-186 (mgKOH/g) | 180.60 mgKOH/g |
| Iodine value | 83-88 | 85.20 |
| Density (25°C) | 0.957-0.961 | 0.96 |
| Heavy metal (as Pb) | 0-0.001 (%) | 0.00% |
| Color (R1 Y10 (Refers to friends of colorimetric method) 5) | pass | Pass |
| disSolubility | Soluble in ethanol, ethyl ether | Soluble in ethanol, ethyl ether |



John Su
QA & QC Manager