

## Certificate of Analysis

Date of Testing: 2023-05-09 14:12:18  
Date of Next Testing: 2027-05-08 14:12:18  
Product Name: **Castor oil**  
CAS Number: 8001-79-4  
Specifications & Purity: reagent grade  
Lot #: E2305382  
SKU #: **C110663**  
**Analysis:** **219976**  
Storage Temperature: Store at -20°C

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Density (25°C)                      | 0.957-0.961           | 0.96                  |
| Iodine value                        | 82-92                 | 85.00                 |
| Refractive index n <sub>20</sub> /D | 1.475-1.481           | 1.48                  |
| Saponification value                | 175-185               | 179.40                |
| Appearance (C110663)                | yellow liquid         | yellow liquid         |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



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QA & QC Manager