

## Certificate of Analysis

Date of Testing: 2025-05-06 18:46:17

Date of Next Testing: 2029-05-05 18:46:17

Product Name: **Methyl ricinoleate**

CAS Number: 141-24-2

Specifications & Purity:  $\geq 75\%$ (GC)

Lot #: D2530200

SKU #: **M101314**

Version **0**

Analysis #: **385701**

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Purity(GC)                          | 75-100 (%)                 | 86.30 %                    |
| Density (20°C)                      | 0.918-0.924                | 0.92                       |
| Refractive index n <sub>20</sub> /D | 1.46-1.464                 | 1.46                       |
| Appearance (M101314)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager