

## Certificate of Analysis

Date of Testing: 2022-09-08 17:15:15  
Date of Next Testing: 2026-09-07 17:15:15  
Product Name: **Methyl ricinoleate**  
CAS Number: 141-24-2  
Specifications & Purity: 75.0%(GC)  
Lot #: I2205486  
SKU #: **M101314**  
Analysis: **132785**

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



John Su  
QA & QC Manager