

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-29 09:38:30
Date of Next Testing: 2025-05-18 09:38:30
Product Name: **Ricinoleic acid**
CAS Number: 141-22-0
Specifications & Purity: analytical standard, $\geq 99\%$
Lot #: E2326994
SKU #: **R110071**
Version: **0**
Analysis #: **228767**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.00 %
Carbon by Elemental Analysis	71.5-72.6 (%)	71.65 %
Oxygen by Elemental Analysis	15.7-16.3 (%)	15.82 %
Appearance (R110071)	Colorless to Pale Yellow Viscous Liquid	Colorless to Pale Yellow Viscous Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager