

Certificate of Analysis

Date of Testing: 2023-03-20 08:33:40
Date of Next Testing: 2027-03-19 08:33:40
Product Name: **Butyl Ricinoleate**
CAS Number: 151-13-3
Specifications & Purity: >74.0%(GC)
Lot #: C2317056
SKU #: **B153076**
Analysis: **202159**

Parameter	Limit Values	Result
Density (20°C)	0.905-0.91	0.91
Refractive index n ₂₀ /D	1.458-1.462	1.46
Purity(GC)	74-100 (%)	75.36 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager