

## Certificate of Analysis

Date of Testing: 2022-08-30 13:18:17

Date of Next Testing: 2026-08-29 13:18:17

Product Name: **Butyl Ricinoleate**

CAS Number: 151-13-3

Specifications & Purity: >74.0%(GC)

Lot #: H2224259

SKU #: **B153076**

**Analysis: 016727**

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



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