

Certificate of Analysis

Product Name: RICINOLEIC ACID
technical, ~ 80 % GC
Product Number: 83903
Product Brand: Aldrich
Molecular Formula: C₁₈H₃₄O₃
Molecular Mass: 298.46
CAS Number: 141-22-0

TEST	SPECIFICATION	LOT 1433410 RESULTS
APPEARANCE (COLOR)	SLIGHTLY YELLOW TO VERY DEEP BROWNISH-YELLOW	SLIGHTLY YELLOW (Y4)
APPEARANCE (FORM)	CLEAR TO FAINTLY TURBID VISCOUS LIQUID	FAINTLY TURBID VISCOUS LIQUID
TITRATION (T) NAOH 0.1M	~ 80 %	97.3 %
PURITY (GC AREA %)	~ 80 %	85.5 %
SPECIFIC ROTATION (20/D)	6.5 ± 1.5 DEGREES	5.2 DEGREES
CONCENTRATION	C=2 IN ACETONE	C=2 IN ACETONE
REFRACTIVE INDEX N20/D	1.469 - 1.472	1.471
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
QC RELEASE DATE	24/APR/09	



Edeltraud Schwärzler, Manager
Quality Control
Buchs, Switzerland

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