

## Certificate of Analysis

**Product Name:** RICINOLEIC ACID  
technical, ~ 80 % GC

**Product Number:** 83903

**Product Brand:** Aldrich

**Molecular Formula:** C<sub>18</sub>H<sub>34</sub>O<sub>3</sub>

**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 VISCOSUS LIQUID	FAINTLY TURBID VISCOSUS 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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