

Certificate of Analysis

Date of Testing: 2025-06-25 15:38:36

Date of Next Testing: 2027-06-15 15:38:36

Product Name: **Corn oil**

CAS Number: 8001-30-7

Specifications & Purity: Reagent grade

Lot #: F2519448

SKU #: **C116023**Version: **0**Analysis #: **534387**

Parameter	Limit Values	Result
Acidity	0-0.2	0.12
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Fatty acid(C16)	8.6-16.5 (%)	16.00 %
Water by Karl Fischer	0-0.1 (%)	0.02 %
Fatty acid(C24)	0-0.4 (%)	0.20 %
Fatty acid(C18:3)	0.5-1.5 (%)	1.00 %
Fatty acid(C20)	0-0.8 (%)	0.50 %
brassicasterol	0-0.3 (%)	0.20 %
Fatty acid(C18:2)	39.4-62 (%)	50.00 %
Peroxides	0-10	8.30
Fatty acid(C18)	1-3.3 (%)	2.00 %
Fatty acid(C16:1)	0-0.5 (%)	0.30 %
Fatty acid(C22:1)	0-0.1 (%)	0.05 %
Fatty acid(C22)	0-0.3 (%)	0.15 %
Fatty acid(C20:1)	0-0.5 (%)	0.40 %
Fatty acid(C14)	0-0.1 (%)	0.06 %
Fatty acid(C18:1)	20-42.2 (%)	35.20 %
Appearance (C116023)	yellow liquid	yellow liquid
Alkaline Impurities	pass	Pass



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager