

Certificate of Analysis

Date of Testing: 2023-04-24 14:24:14

Date of Next Testing: 2025-04-13 14:24:14

Product Name: **Corn oil**

CAS Number: 8001-30-7

Specifications & Purity: reagent grade

Lot #: D23191088

SKU #: **C116023**

Analysis: **215135**

Parameter	Limit Values	Result
Acidity	0-0.2	0.10
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Fatty acid(C16)	8.6-16.5 (%)	10.80 %
Water by Karl Fischer	0-0.1 (%)	0.01 %
Fatty acid(C24)	0-0.4 (%)	0.20 %
Fatty acid(C18:3)	0.5-1.5 (%)	1.10 %
Fatty acid(C20)	0-0.8 (%)	0.49 %
brassicasterol	0-0.3 (%)	0.10 %
Fatty acid(C18:2)	39.4-62 (%)	45.20 %
Peroxides	0-10	5.50
Fatty acid(C18)	1-3.3 (%)	1.90 %
Fatty acid(C16:1)	0-0.5 (%)	0.20 %
Fatty acid(C22:1)	0-0.1 (%)	0.05 %
Fatty acid(C22)	0-0.3 (%)	0.12 %
Fatty acid(C20:1)	0-0.5 (%)	0.26 %
Fatty acid(C14)	0-0.1 (%)	0.04 %
Fatty acid(C18:1)	20-42.2 (%)	29.60 %
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".

John Su
QA & QC Manager