

## Certificate of Analysis

Date of Testing: 2023-04-24 14:24:44

Date of Next Testing: 2025-04-13 14:24:44

Product Name: **Corn oil**

CAS Number: 8001-30-7

Specifications & Purity: reagent grade

Lot #: D23191112

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          |



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager