

Certificate of Analysis

Product Name:

Corn oil - delivery vehicle for fat-soluble compounds

Product Number: C8267
Batch Number: MKCX0458
Brand: SIGMA
CAS Number: 8001-30-7
MDL Number: MFCD00130865
Quality Release Date: 12 DEC 2024

Test	Specification	Result
Appearance (Turbidity)	Clear	Clear
Appearance (Color)	Very Faint Yellow to Yellow	Very Faint Yellow
Appearance (Form)	Liquid	Liquid
Acid Value	≤ 0.2	0.1
Peroxide	≤ 10.0	0.5
Water Content	≤ 0.1 %	0.0 %
Alkaline Impurities	Pass	Pass
Brassicasterol	≤ 0.3 %	0.0 %
Fatty Acid (< C14)	≤ 0.1 %	0.0 %
Fatty Acid (C14)	≤ 0.1 %	0.0 %
Fatty Acid (C16)	8.6 - 16.5 %	11.5 %
Fatty Acid (C16:1)	≤ 0.5 %	0.1 %
Fatty Acid (C18)	1.0 - 3.3 %	1.6 %
Fatty Acid (C18:1)	20.0 - 42.2 %	29.3 %
Fatty Acid (C18:2)	39.4 - 62.0 %	55.5 %
Fatty Acid (C18:3)	0.5 - 1.5 %	0.9 %
Fatty Acid (C20)	≤ 0.8 %	0.4 %
Fatty Acid (C20:1)	≤ 0.5 %	0.3 %
Fatty Acid (C22)	≤ 0.3 %	0.1 %
Fatty Acid (C22:1)	≤ 0.1 %	0.0 %
Fatty Acid (C24)	≤ 0.4 %	0.0 %



Larry Coers, Director

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.



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Quality Control
Milwaukee, WI US

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