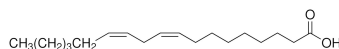


Certificate of Analysis

Product Name : Linoleic acid liquid, BioReagent, suitable for cell culture
Product Number : L1012-VAR
Batch Number : 0000454227
Source Batch : 0000417953
CAS Number : 60-33-3
MDL Number : MFCD00064241
Storage Temperature : -20°C
Molecular Formula : C₁₈H₃₂O₂
Formula Weight : 280.45 g/mol
Recommended Retest Date : Oct 2028
Quality Release Date : 04 Mar 2025



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Turbidity)	Clear	Clear
Appearance (Form)	Liquid	Liquid
Proton NMR Spectrum	Conforms to Structure	Conforms
¹³ C NMR Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 98 %	99 %
Cell Culture Test	Pass	Pass



Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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