

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number	41319
Lot Number	A0418425
Description	Linoleic acid,70%
CAS Number	60-33-3
Quality Test/Release Date	23/Apr/2025
Suggested retest date	23/Apr/2030
Country of Origin	CHINA
Declaration of Origin	plant

Result Name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless to yellow	Light Yellow
Appearance (Form)		Liquid	Liquid
Infrared spectrum		Conforms	Conforms
Acid value	mg KOH/g	195 to 205	204
Iodine value	g I2/100 g	130 to 148	146
GC	%	5.0 to 7.6 C16, saturated	7.1 C16, saturated
GC	%	2.7 to 6.5 C18, saturated	3.5 C18, saturated
GC	%	14.0 to 39.4 C18, 1 double bound	17.2 C18, 1 double bound
GC		60.0 to 74.0 C18, 2 double bounds,main compound	71.5 C18, 2 double bounds,main compound
GC	%	=<1.0 C18, 3 double bounds	=<1.0 C18, 3 double bounds

Geert Torfs
Supervisor, QC

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.