

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	41310
Lot Number	A0481483
Description	L-alpha-Lecithin,granular, from soybean oil
CAS Number	8002-43-5
Quality Test/Release Date	09/Sep/2025
Suggested retest date	09/Sep/2027
Country of Origin	UNITED STATES OF AMERICA
Declaration of Origin	plant
BSE/TSE	The product is made from soybean oil

Result Name	Units	Specifications	Test Value
Appearance (Color)		Yellow to tan	Yellow
Appearance (Form)		Granules	Granules
Infrared spectrum		Conforms	Conforms
Assay	%	>=97 (Phospholipids) as Acetone insolubles	98 (Phospholipids) as Acetone insolubles
Water	%	=<1.1 (K.F.)	0.5 (K.F.)
Acid value	mg KOH/g	=<35	29
Peroxide value	meq O2/kg	=<4	0.9
Insoluble matter	%	=<0.02 (in hexane)	0.01 (in hexane)

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.