

## 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	12954
Lot Number	A0468620
Description	Oleylamine, approximate C18-content 80-90%
CAS Number	112-90-3
Quality Test/Release Date	02/Jan/2026
Suggested retest date	02/Jan/2028
Country of Origin	SWEDEN
Declaration of Origin	bovine (cattle)
BSE/TSE	derived from tallow which complies with the requirements for Category III tallow according to Regulation 1774/2002/EC. It is thought unlikely to be infectious and thus unlikely to present any TSE risk (1774/2002/EC Chapter 6.4).

Result Name	Units	Specifications	Test Value
Appearance (Color)		Clear yellow	Clear yellow
Appearance (Form)		Liquid after melting	Liquid after melting
Infrared spectrum		Conforms	Conforms
Titration with HClO <sub>4</sub>	%	>=96.0 (Primary amine)	101.0 (Primary amine)
Refractive index		1.4585 to 1.4625 (20°C, 589 nm)	1.4596 (20°C, 589 nm)



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.