

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	30429
Lot Number	A0478971
Description	Palmitoyl chloride,98%
CAS Number	112-67-4
Quality Test/Release Date	10/Dec/2025
Suggested retest date	10/Dec/2030
Country of Origin	ITALY
Declaration of Origin	plant
BSE/TSE	made by chemical synthesis, precursor Palmitic acid obtained from palm oil

Result Name	Units	Specifications	Test Value
Appearance (Form)		Clear liquid	Clear liquid
Color scale	APHA	≤80	30
Infrared spectrum		Conforms	Conforms
Titration Argentometric	%	98 to 101	99.7
GC	%	≥97.5	98.9
Refractive index		1.4510 to 1.4530 (20°C, 589 nm)	1.4520 (20°C, 589 nm)
Phosphorus (P)	ppm	≤150	30
Acidity	%	≤1 (as palmitic acid)	0.1 (as palmitic acid)

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.