

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	12970
Lot Number	A0458266
Description	Palmitic acid,98%
CAS Number	57-10-3
Quality Test/Release Date	02/Dec/2024
Suggested retest date	02/Dec/2025
Country of Origin	MALAYSIA
Declaration of Origin	plant
BSE/TSE	The product is produced from palm oil

Result Name	Units	Specifications	Test Value
Appearance (Color)		White to off-white	White
Appearance (Form)		Powder or granules or flakes	Powder and flakes
Infrared spectrum		Conforms	Conforms
GC	%	>=97.5	98.5
Acid value	mg KOH/g	215 to 233	219
Saponification value	mg KOH/g	216 to 224	220
Iodine value	g I2/100 g	=<1	0.08



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.