



Version	01
Molecular weight	256.42
Quality Test / Release Date	03/02/2020
Molecular Formula	C16 H32 O2
CAS No	57-10-3
Linear Formula	CH3(CH2)14CO2H
Flash Point (°C)	206

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	12970	Quality Test / Release Date 03/02/2020
Lot Number	A0411059	
Description	Palmitic acid, 98%	
Country of Origin	MALAYSIA	
Declaration of Origin	plant	

BSE/TSE comment	
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Chemical Comment	
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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 %	99.4 %
Acid value		215 to 233 mg KOH/g	219.5 mg KOH/g
Saponification value		216 to 224 mg KOH/g	220.5 mg KOH/g
Iodine value		=<1 g I2/100 g	0.07 g I2/100 g



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 03-03-2020

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