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Certificate of Analysis

Product	34262 - Palmitic Acid Reference Standard, C16-99% (GC) - [57-10-3]
Batch No	6026842
Analysis Date	03-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C16H32O2
Molecular Weight	256.43

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% solution in Chloroform	Clear	Clear
Solubility (Colour) 10% solution in Chloroform	Colourless	Colourless
Assay (GC-C16)	min. 99%	99.5%
Melting Point	61 - 63°C	62.6°C
Sulphated Ash	max. 0.05%	0.02%
Heavy Metals (Pb)	max. 0.001%	Passes

FRM/82/11/4/34262 Rev No. 3 Date 20/12/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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