
Certificate of Analysis

(Representative Sample Certificate)

Product Name: Stearic Acid
INCI Name: Stearic Acid
CAS Number: 57-11-4
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 24 months from production date

Property	Specification	Analysis
General Appearance (@ 25°C)	White flakes/pastilles/prills	Pass
Acid Value	194.0 - 212.0 mg KOH/g	208.76 mg KOH/g
Freezing Point	53.0 - 59.0°C	55.6°C
C16 + C18	90.0% MIN	99.27%
Acidity	To meet requirement	Pass
Iodine Value	0.50 MAX	0.39
Saponification Value	206.0 - 212.0	209.58
Color (APHA)	50.0 MAX	2.5
Heavy Metals	0.001% MAX	<0.001%
Residue on Ignition	0.1% MAX	<0.1%
C14 + Lower	3.0% MAX	0.0%
C16	52.0 - 58.0	54.56
C18	40.0 - 60.0%	44.71%
C18:1 + Higher	2.0% MAX	0.0%

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.”

This report is not to be signed. All data are as per our supplier.

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