

Certificate of Analysis

SIGMA-ALDRICH®

Product Name	Stearic acid, Grade I, $\geq 98.5\%$ (capillary GC)
Product Number	S4751
Product Brand	SIGMA
CAS Number	57-11-4
Molecular Formula	$\text{CH}_3(\text{CH}_2)_{16}\text{COOH}$
Molecular Weight	284.48
Storage Temp	2-8°C

TEST	SPECIFICATION	LOT 065K5300 RESULTS
APPEARANCE	WHITE POWDER	CONFORMS
SOLUBILITY	CLEAR COLORLESS SOLUTION AT 100 MG/ML IN CHLOROFORM	CONFORMS
IR SPECTRUM	CONSISTENT WITH STRUCTURE	CONFORMS
PURITY		>99%
QC RELEASE DATE		JUNE 2005
PRODUCT CROSS REFERENCE INFORMATION		REPLACEMENT FOR ALDRICH #268380



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