



TECHNICAL DATA SHEET(TDS)

Stearic Acid, Beads, USP/FCC Grade

Product Specifications (CAS# 57-11-4)

Test	Specification	Typical Results
Acid Value	196 - 211	206.8
Saponification Value	192 - 212	196.1
Freezing Point	54.5°C - 69°C	56°C
Iodine Value	NMT 7.0	1.42
Heavy Metals	To Pass the Test	Pass
Residue on Ignition	NMT 0.1% (4 mg)	0.04%
Unsaponifiable Matter	NMT 1.5%	1.0%
Water	NMT 0.2%	0.14%
Identification	To Pass the Test	Pass
Appearance	White or almost white, waxy, flaky crystals, white or almost white hard masses or beads.	Pass
Contents of Stearic Acid	NLT 40.0%	42.50%
Sum of Stearic Acid and Palmitic Acid	NLT 90.0%	98.61%
Residue on Ignition	NMT 0.1% (4 mg)	0.04%
Appearance of Solution	To Pass the Test	Pass
Acidity	No red color develops	Pass

Appropriate/legal use of this product is the responsibility of the user.

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