

## 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

Characteristic	Specifications	Values
Acid value, MG KOH/G	205.0-211.0	208.2
Palmitic Acid, Wt. %	40.0 min	45.8
C16 Plus C18 Acids, Wt %	90.0 min	93.2
Stearic Acid, Wt %	40.0 min	47.4
Color, % Trans., 440 NM	93 min	96
Iodine Value	0.50 max	0.10
Saponification Value	206-212	certified
Titer, C	54.5-55.5	54.8
Assay, NF	n/a	Certified
Congealing Temp, C, NF	53 min	Certified
Heavy Metals, NF, %	0.001 max	Certified
Residue on Ignition, NF %	0.1 max	Certified
Mineral Acidity, NF	n/a	Certified
Neutral Fats or Paraffin, NF	n/a	Certified
Organic Volatile Impurities, NF	n/a	Certified
Residual Solvents, NF	n/a	Certified

The above data were 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.

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