



## Specification

### N-Lauroylsarcosinate Sodium Salt

**Catalog Number:** LS1005  
**CAS Number:** 137-16-6  
**Molecular Formula:**  $C_{15}H_{28}NNaO_3$   
**Molecular Weight:** 293.39  
**Storage:** 15°C – 30°C  
**Retest Period:** Two years from the date of manufacture

Test	Specification
Appearance	White crystalline powder
Assay	94 – 105.0%
Melting Point	45.0°C to 47°C
pH	7.0 to 9.0
Solubility (30%)	Almost clear in water
Color	≤ 80 APHA
Loss on Drying	≤ 7%
Soap Content	≤ 5%
Percent Composition	
Sodium Lauroyl Sarcosinate	> 50%
Tetrasodium EDTA	0.1 – 1%
Methylchlorisothiazoline and Methylisothiazolinone	< 0.1%
Magnesium chloride and Magnesium nitrate	< 0.1%

Approved:

Date: March 18, 2020

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