

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-09 18:31:11

Date of Next Testing: 2028-12-08 18:31:11

Product Name: **N-Lauroylsarcosine**

CAS Number: 97-78-9

Specifications & Purity:  $\geq 95\%$

Lot #: L2402543

SKU #: **N159033**

Version: **1**

Analysis #: **104118**

Storage Temperature: Room temperature

| Parameter                                                      | Limit Values                           | Result                                 |
|----------------------------------------------------------------|----------------------------------------|----------------------------------------|
| Carbon by Elemental Analysis                                   | 62.7-70 (%)                            | 64.28000 %                             |
| Water by Karl Fischer                                          | 0-1 (%)                                | 0.78690 %                              |
| Nitrogen by Elemental Analysis                                 | 4.8-5.4 (%)                            | 4.81000 %                              |
| Purity (Titration by NaOH)                                     | 95-100 (%)                             | 97.46000 %                             |
| Appearance (N159033)                                           | White to Off-White Solid or Semi-solid | White to Off-White Solid or Semi-solid |
| Solubility in MeOH , clear colorless solution at 50 pass mg/ml |                                        | Pass                                   |
| Proton NMR spectrum                                            | Conforms to Structure                  | Conforms to Structure                  |



John Su  
QA & QC Manager