

## Certificate of Analysis

Date of Testing: 2022-06-28 09:28:14  
Date of Next Testing: 2026-06-27 09:28:14  
Product Name: **N-Lauroylsarcosine sodium salt**  
CAS Number: 137-16-6  
Specifications & Purity: 98%  
Lot #: F2214644  
SKU #: **L105572**  
**Analysis: 094678**  
Storage Temperature: Argon charged

| Parameter                      | Limit Values                | Result                      |
|--------------------------------|-----------------------------|-----------------------------|
| Sodium Laurate                 | 0-4 (%)                     | 2.00 %                      |
| Water by Karl Fischer          | 0-7 (%)                     | 5.00 %                      |
| Carbon by Elemental Analysis   | 59.8-61.7 (%)               | 60.70 %                     |
| Purity(HPLC)                   | 98-100 (%)                  | 98.99000 %                  |
| PH (10%, water) 25 ° C         | 7.5-8.5                     | 7.93                        |
| Nitrogen by Elemental Analysis | 4.5-5 (%)                   | 4.70 %                      |
| Appearance (L105572)           | White to Light Beige Powder | White to Light Beige Powder |
| Proton NMR spectrum            | Conforms to Structure       | Conforms to Structure       |
| Solubility in H2O              | Almost transparency         | almost transparency         |



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QA & QC Manager