



CERTIFICATE OF ANALYSIS

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1. Identification

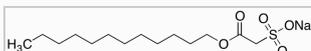
Catalogue Number: S634303

CAS Number: 1847-58-1

Product: Sodium Lauryl Sulfoacetate

Synonym: Dodecyl sodium sulfoacetate; Lathanol; Lathanol LAL; Lathanol LAL 70; Miconate SLSA; Nacconol LAL; Nikkol LSA; Sodium lauryl sulfoacetate; Sulfo-dodecyl Ester Acetic Acid Sodium Salt (6CI); Sulfo-dodecyl Ester Acetic Acid S-Sodium Salt (7CI); Sulfo-1-dodecyl Ester Acetic Acid Sodium Salt (8CI,9CI);

Structure:



Molecular Formula:

C₁₄H₂₇O₅SNa

Molecular weight:

330.42

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 20-JQW-28-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

| Tests: | Specifications: | Results: |
|--------------------|--------------------------|---------------------|
| Appearance | White to Off-White Solid | Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| HPLC Purity | Report Result | 100.00% (ELSD) |
| Elemental Analysis | Conforms | %C: 50.69, %H: 8.59 |
| MS | Conforms to Structure | Conforms |

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

| Reviewed By | Reviewed By | C of A Approved By | Test Date | Retest Date |
|--------------------|--------------------|---------------------------|------------------|--------------------|
| Meenakshi Sharma | Toni Rantanen | Chanell Chu | 1/3/2024 | 1/1/2028 |

