

Certificate of Analysis

Date of Testing: 2022-12-23 16:10:42
Date of Next Testing: 2026-12-22 16:10:42
Product Name: **Sodium 1-heptanesulfonate**
CAS Number: 22767-50-6
Specifications & Purity: 98%
Lot #: L2220277
SKU #: **S104933**
Analysis: 141962
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Water by Karl Fischer | 0-2 (%) | 1.00 % |
| Purity(dry basis) (Ion exchange titration) | 97.5-102.5 (%) | 97.50 % |
| Carbon by Elemental Analysis(anhydrous) | 40.5-42.6 (%) | 41.00 % |
| Sodium (Na)(anhydrous) | 10.8-12 (%) | 10.81 % |
| Appearance (S104933) | white powder | White powder |
| Solubility in H ₂ O , clear colorless , 100mg/ml in water | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager