

Certificate of Analysis

Date of Testing: 2024-10-08 16:45:43
Date of Next Testing: 2028-10-07 16:45:43
Product Name: **Sodium 1-heptanesulfonate**
CAS Number: 22767-50-6
Specifications & Purity: 98%
Lot #: 12429195
SKU #: **S104933**
Version: **3**
Analysis #: **410028**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Carbon by Elemental Analysis(anhydrous) | 40.5-42.6 (%) | 40.84% |
| Water by Karl Fischer | 0-2 (%) | 1.63% |
| Purity(dry basis) (Ion exchange titration) | 97.5-102.5 (%) | 100.39% |
| 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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