

Certificate of Analysis

Date of Testing: 2022-03-09 11:44:49
Date of Next Testing: 2026-03-08 11:44:49
Product Name: **Sodium 1-pentanesulfonate**
CAS Number: 22767-49-3
Specifications & Purity: for ion chromatography, $\geq 98.0\%$
Lot #: C2204467
SKU #: **S124053**
Analysis: **077763**

| Parameter | Limit Values | Result |
|----------------------------------|-----------------------|-----------------------|
| UV Absorbance 220nm(10 % in H2O) | 0-0.06 | 0.06 |
| UV Absorbance 500nm(10 % in H2O) | 0-0.02 | 0.00 |
| Purity(Ion exchange titration) | 98-102 (%) | 98.64 % |
| UV Absorbance 230nm(10 % in H2O) | 0-0.04 | 0.04 |
| UV Absorbance 260nm(10 % in H2O) | 0-0.02 | 0.02 |
| UV Absorbance 210nm(10 % in H2O) | 0-0.1 | 0.10 |
| Appearance (S124053) | White powder | White powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H2O | Almost transparency | almost transparency |



John Su
QA & QC Manager