

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-29 11:40:47

Date of Next Testing: 2029-07-28 11:40:47

Product Name: **Sodium 1-pentanesulfonate monohydrate**

CAS Number: 207605-40-1

Specifications & Purity: for ion pair chromatography, ≥99%

Lot #: G2503543

SKU #: **S121251**

Version: **0**

Analysis #: **453225**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
UV Absorbance 220nm	0-0.06	0.02720
Purity(HPLC)	99-100 (%)	99.88500 %
Hydrogen by Elemental Analysis	6.69-6.82 (%)	6.75400 %
Carbon by Elemental Analysis	30.5-31.6 (%)	31.37000 %
UV Absorbance 230nm	0-0.04	0.01810
UV Absorbance 260nm	0-0.02	0.00960
UV Absorbance 210nm	0-0.1	0.05530
UV Absorbance 500nm	0-0.02	0.00260
Appearance (S121251)	Colorless or White Powder or Crystals or Flakes	Colorless or White Powder or Crystals or Flakes
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
RP gradient test	pass test	pass test



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager