

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Sodium 1-pentanesulfonate monohydrate**
Specifications & Purity: for ion pair chromatography, $\geq 99.0\%$
SKU #: **S121251**

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