

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-08 14:43:12
Date of Next Testing: 2027-03-07 14:43:12
Product Name: **Sodium decyl sulfate**
CAS Number: 142-87-0
Specifications & Purity: for ion pair chromatography, $\geq 99.0\%$ (T)
Lot #: E1917176
SKU #: **S129113**
Analysis: **195720**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-1.5 (%)	0.70 %
UV Absorbance 200nm	0-0.1	0.05
UV Absorbance 220nm	0-0.05	0.02
UV Absorbance 254nm	0-0.01	0.01
UV Absorbance 280nm	0-0.01	0.00
Purity(Titration after Ion exchange)(On dry substance)	98.5-100 (%)	98.90000 %
Appearance(S129113)	White to light yellow Powder	white to light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility (25 % in water at 25°C)	Clear colorless to light yellow	Clear colorless to light yellow



John Su
QA & QC Manager