

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-03 10:01:49  
Date of Next Testing: 2028-01-02 10:01:49  
Product Name: **Sodium decyl sulfate**  
CAS Number: 142-87-0  
Specifications & Purity: for ion pair chromatography, ≥99.0% (T)  
Lot #: L2327120  
SKU #: **S129113**  
**Analysis:** **311210**  
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