

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-19 16:41:40

Date of Next Testing: 2029-08-18 16:41:40

Product Name: **Sodium decyl sulfate (DESS)**

CAS Number: 142-87-0

Specifications & Purity: for ion pair chromatography

Lot #: K2109589

SKU #: **S129113**

Version: **1**

Analysis #: **556424**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-1.5 (%)	0.50000 %
UV Absorbance 200nm	0-0.1	0.03000
UV Absorbance 220nm	0-0.05	0.03000
UV Absorbance 254nm	0-0.01	0.01000
UV Absorbance 280nm	0-0.01	0.01000
Purity(Titration after Ion exchange)(On dry substance)	98.5-100 (%)	98.50000 %
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