

Certificate of Analysis

Date of Testing:	2023-11-14 17:05:48
Date of Next Testing:	2027-11-13 17:05:48
Product Name:	Sodium dodecyl sulfate
CAS Number:	151-21-3
Specifications & Purity:	Ultra pure, ≥99.0% (GC)
Lot #:	K2303187
SKU #	S108349
Version	1
Analysis #:	135740
Storage Temperature:	Argon charged, Desiccated

Parameter	Limit Values	Result
PH (1%; Water , 20°C)	6-9	7.32
Loss on drying(hv, 20-25°C)	0-0.5 (%)	0.16 %
UV Absorbance 280nm(1cm/0.1M,H2O)	0-0.05	0.02
UV Absorbance 260nm(1 cm/0.1 M in H2O)	0-0.08	0.03
Water by Karl Fischer	0-0.05 (%)	0.03 %
Carbon by Elemental Analysis	49.3-50.7 (%)	49.63 %
Phosphate(PO4)	0-0.0001 (%)	0.00 %
(Pb)Lead	0-0.0001 (%)	0.00 %
Sodium(Na)	7.1-9 (%)	8.98 %
Purity(GC)	99-100 (%)	99.01 %
Appearance (S108349)	white powder or solid	white powder or solid
Insoluble matter	pass	Pass
Solubility(0.1m in water)	Clear colorless	Clear Colorless
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager