

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-06-25 11:42:49
Date of Next Testing: 2028-06-24 11:42:49
Product Name: **Sodium dodecyl sulfate**
CAS Number: 151-21-3
Specifications & Purity: Ultra pure, ≥99.0% (GC)
Lot #: F2418092
SKU #: **S108349**
Version: **1**
Analysis #: **135740**
Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
PH (1%; Water , 20°C)	6-9	7.32000
Loss on drying(hv, 20-25°C)	0-0.5 (%)	0.16000 %
UV Absorbance 280nm(1cm/0.1M,H2O)	0-0.05	0.01700
UV Absorbance 260nm(1 cm/0.1 M in H2O)	0-0.08	0.02500
Water by Karl Fischer	0-0.05 (%)	0.02800 %
Carbon by Elemental Analysis	49.3-50.7 (%)	49.63100 %
Phosphate(PO4)	0-0.0001 (%)	0.00002 %
(Pb)Lead	0-0.0001 (%)	0.00000 %
Sodium(Na)	7.1-9 (%)	8.98000 %
Purity(GC)	99-100 (%)	99.01000 %
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

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A handwritten signature in black ink that reads "John Su". The script is fluid and cursive.

John Su
QA & QC Manager