

Certificate of Analysis

Date of Testing: 2025-02-24 11:32:38

Date of Next Testing: 2029-02-23 11:32:38

Product Name: **Sodium dodecyl sulfate**

CAS Number: 151-21-3

Specifications & Purity: Ultra pure, $\geq 99\%$ (GC)

Lot #: B2521571

SKU #: **S108349**

Version: **1**

Analysis #: **460792**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
PH (1%; Water , 20°C)	6-9	6.91
Loss on drying(hv, 20-25°C)	0-0.5 (%)	0.21 %
UV Absorbance 280nm(1cm/0.1M,H ₂ O)	0-0.05	0.02
UV Absorbance 260nm(1 cm/0.1 M in H ₂ O)	0-0.08	0.03
Water by Karl Fischer	0-1 (%)	0.50 %
Carbon by Elemental Analysis	49.3-50.7 (%)	49.61 %
Phosphate(PO ₄)	0-0.0001 (%)	0.00 %
(Pb)Lead	0-0.0002 (%)	0.00 %
Purity(GC)	99-100 (%)	99.42 %
Sodium(Na)	7.1-9 (%)	7.20 %
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".

John Su
QA & QC Manager