

Certificate of Analysis

Date of Testing: 2022-11-30 18:39:20
 Date of Next Testing: 2026-11-29 18:39:20
 Product Name: **Sodium dodecyl sulfate**
 CAS Number: 151-21-3
 Specifications & Purity: Ultra pure, $\geq 99.0\%$ (GC)
 Lot #: K2225789
 SKU #: **S108349**
 Version: **1**
 Analysis #: **128385**
 Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
PH (1%; Water , 20°C)	6-9	6.85
Loss on drying(hv, 20-25°C)	0-0.5 (%)	0.33 %
UV Absorbance 280nm(1cm/0.1M,H2O)	0-0.05	0.01
UV Absorbance 260nm(1 cm/0.1 M in H2O)	0-0.08	0.02
Water by Karl Fischer	0-0.05 (%)	0.01 %
Carbon by Elemental Analysis	49.3-50.7 (%)	49.49 %
Phosphate(PO4)	0-0.0001 (%)	0.00 %
(Pb)Lead	0-0.0001 (%)	0.00 %
Sodium(Na)	7.1-9 (%)	7.11 %
Purity(GC)	99-100 (%)	99.35 %
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 signature is written in a cursive, flowing style.

John Su
QA & QC Manager