

Certificate of Analysis

Date of Testing: 2023-02-18 14:38:51

Date of Next Testing: 2027-02-17 14:38:51

Product Name: **Sodium chloride**

CAS Number: 7647-14-5

Specifications & Purity: for HPLC, $\geq 99.5\%$ (AT)

Lot #: B2310524

SKU #: **C111541**

Analysis: **189401**

Parameter	Limit Values	Result
UV Absorbance 260nm	0-0.01	0.01
PH	5-8	6.50
UV Absorbance 500nm	0-0.01	0.01
UV Absorbance 230nm	0-0.03	0.01
UV Absorbance 240nm	0-0.02	0.01
UV Absorbance 220nm	0-0.05	0.02
Purity (Argentmetric Titration)	99.5-100 (%)	100.00 %
Appearance (C111541)	White crystal powder	White crystal powder
Filtration test	corresponds to standard	corresponds to standard
Infrared spectrum	Conforms to Structure	Conforms to Structure
RP gradient test	pass test	pass test
Solubility in H ₂ O , soluble 100 mg/mL, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ , 10% in H ₂ O	Pass	Pass



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