

Certificate of Analysis

Date of Testing: 2022-07-21 11:04:44
Date of Next Testing: 2026-07-20 11:04:44
Product Name: **Sodium perchlorate monohydrate**
CAS Number: 7791-07-3
Specifications & Purity: for HPLC, $\geq 99.0\%$ (T)
Lot #: G2206358
SKU #: **S110333**
Analysis: **107209**

Parameter	Limit Values	Result
PH	6-8	7.08
UV Absorbance 220nm	0-0.05	0.02
UV Absorbance 210nm	0-0.1	0.06
UV Absorbance 500nm	0-0.02	0.01
UV Absorbance 230nm	0-0.03	0.00
UV Absorbance 240nm	0-0.02	0.00
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.99%
Loss drying(150°C (2h)--200°C(2h)--230°C(2h))	12-14 (%)	12.64000%
Appearance (S110333)	White Solid	White Solid
Solubility in H ₂ O , 100 mg/mL	pass	Pass
λ , 10 M in H ₂ O	Pass	Pass
X-Ray Diffraction(After drying)	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager