

## Certificate of Analysis

Date of Testing: 2022-08-09 18:43:04  
Date of Next Testing: 2026-08-08 18:43:04  
Product Name: **Sodium perchlorate monohydrate**  
CAS Number: 7791-07-3  
Specifications & Purity: for HPLC,  $\geq 99.0\%$ (T)  
Lot #: H2206280  
SKU #: **S110333**  
Analysis: **119890**

Parameter	Limit Values	Result
PH	6-8	7.12
UV Absorbance 220nm	0-0.05	0.04
UV Absorbance 210nm	0-0.1	0.09
UV Absorbance 500nm	0-0.02	0.00
UV Absorbance 230nm	0-0.03	0.01
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 (%)	13.92000%
Appearance (S110333)	White Solid	White Solid
Solubility in H <sub>2</sub> O , 100 mg/mL	pass	Pass
$\lambda$ , 10 M in H <sub>2</sub> O	Pass	Pass
X-Ray Diffraction(After drying)	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager