

Certificate of Analysis

Date of Testing: 2025-01-22 14:20:28

Date of Next Testing: 2029-01-21 14:20:28

Product Name: **Sodium perchlorate monohydrate**

CAS Number: 7791-07-3

Specifications & Purity: Chromatographic grade, ≥99%(T)

Lot #: A2517369

SKU #: **S110333**

Version: **4**

Analysis #: **442667**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH	6-8	7.96
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.99%
Loss drying(150°C (2h)--200°C(2h)--230°C(2h))	12-14 (%)	13.69000%
Purity	≥99 (%)	99.04%
UV Absorbance 220nm	0-0.05	0.04
UV Absorbance 210nm	0-0.1	0.09
UV Absorbance 500nm	0-0.02	0.01
UV Absorbance 230nm	0-0.03	0.02
UV Absorbance 240nm	0-0.02	0.01
Appearance (S110333)	White Solid	White Solid
Solubility in H ₂ O , 100 mg/mL	pass	Pass
λ:10 % in water	Pass	Pass
X-Ray Diffraction(After drying)	Conforms to structure	Conforms to Structure



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