

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-16 11:45:31

Date of Next Testing: 2027-08-15 11:45:31

Product Name: **Sodium perchlorate**

CAS Number: 7601-89-0

Specifications & Purity: for HPLC,99.0%

Lot #: H2314301

SKU #: **S105271****Analysis: 215558**

Parameter	Limit Values	Result
UV Absorbance 230nm	0-0.03	0.00
UV Absorbance 500nm	0-0.02	0.00
UV Absorbance 210nm	0-0.1	0.03
PH	6-8	7.29
UV Absorbance 220nm	0-0.05	0.01
UV Absorbance 240nm	0-0.02	0.00
Purity (T)	99-100 (%)	99.99 %
Water by Karl Fischer	0-1 (%)	0.32 %
Appearance (S105271)	White Powder or Chunks or Crystals	White Powder or Chunks or Crystals
Solubility in H ₂ O , 100 mg/mL	pass	Pass
λ,10% in H ₂ O	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager