

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-05 11:34:56

Date of Next Testing: 2028-03-04 11:34:56

Product Name: **Sodium perchlorate**

CAS Number: 7601-89-0

Specifications & Purity: for HPLC,99.0%

Lot #: C2401049

SKU #: **S105271****Analysis: 276438**

Parameter	Limit Values	Result
UV Absorbance 230nm	0-0.03	0.02
UV Absorbance 500nm	0-0.02	0.00
PH	6-8	7.38
UV Absorbance 220nm	0-0.05	0.04
UV Absorbance 240nm	0-0.02	0.02
Purity (T)	99-100 (%)	100.00 %
Water by Karl Fischer	0-1 (%)	0.22 %
UV Absorbance 210nm	0-0.1	0.10
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