

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-26 11:48:54

Date of Next Testing: 2026-09-25 11:48:54

Product Name: **Sodium perchlorate**

CAS Number: 7601-89-0

Specifications & Purity: for HPLC,99.0%

Lot #: I2223316

SKU # **S105271****Analysis: 136455**

Parameter	Limit Values	Result
UV Absorbance 230nm	0-0.03	0.01
UV Absorbance 500nm	0-0.02	0.00
UV Absorbance 210nm	0-0.1	0.09
PH	6-8	7.03
UV Absorbance 220nm	0-0.05	0.04
UV Absorbance 240nm	0-0.02	0.01
Purity (T)	99-100 (%)	99.97 %
Water by Karl Fischer	0-1 (%)	0.29 %
Solubility in H ₂ O , 100 mg/mL	pass	Pass
λ,10% in H ₂ O	Pass	Pass
Appearance (S105271)	White Powder or Chunks or Crystals	White Powder or Chunks or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager