

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-10 09:03:45  
Date of Next Testing: 2029-07-09 09:03:45  
Product Name: **Tetrabutylammonium perchlorate**  
CAS Number: 1923-70-2  
Specifications & Purity:  $\geq 99\%$   
Lot #: G2507703  
SKU #: **T109599**  
Version: **0**  
Analysis #: **516955**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.5-5 (%)	4.12 %
Purity(Ion exchange titration)	98.5-101.5 (%)	99.86 %
Water by Karl Fischer	0-1 (%)	0.07 %
Carbon by Elemental Analysis	54.5-56.9 (%)	56.18 %
Appearance (T109599)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Solubility in MeOH	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager