

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-20 15:31:25
 Date of Next Testing: 2028-07-19 15:31:25
 Product Name: **Tetrabutylammonium perchlorate**
 CAS Number: 1923-70-2
 Specifications & Purity: $\geq 99\%$
 Lot #: G2416118
 SKU #: **T109599**
 Version: **0**
 Analysis #: **367933**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.5-5 (%)	4.14000 %
Purity(Ion exchange titration)	99-100 (%)	99.10000 %
Water by Karl Fischer	0-1 (%)	0.50000 %
Carbon by Elemental Analysis	54.5-56.9 (%)	56.76000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency
Appearance (T109599)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals



John Su
QA & QC Manager