

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-08 15:43:42
 Date of Next Testing: 2027-10-07 15:43:42
 Product Name: **Tetrabutylammonium perchlorate**
 CAS Number: 1923-70-2
 Specifications & Purity: $\geq 99\%$
 Lot #: I2322139
 SKU #: **T109599**
 Version: **0**
 Analysis #: **197574**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.5-5 (%)	4.34600 %
Water by Karl Fischer	0-1 (%)	0.10150 %
Purity(Ion exchange titration)	99-100 (%)	99.99000 %
Carbon by Elemental Analysis	54.5-56.9 (%)	55.97800 %
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