

Certificate of Analysis

Date of Testing: 2025-04-23 17:42:59

Date of Next Testing: 2029-04-22 17:42:59

Product Name: **Tetrabutylammonium perchlorate**

CAS Number: 1923-70-2

Specifications & Purity: $\geq 99\%$

Lot #: D2521614

SKU #: **T109599**

Version: **0**

Analysis #: **382184**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.5-5 (%)	4.16 %
Purity(Ion exchange titration)	98.5-101.5 (%)	99.87 %
Water by Karl Fischer	0-1 (%)	0.40 %
Carbon by Elemental Analysis	54.5-56.9 (%)	56.11 %
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