

Certificate of Analysis

Date of Testing: 2023-04-24 16:20:03

Date of Next Testing: 2027-04-23 16:20:03

Product Name: **Tetrabutylammonium perchlorate**

CAS Number: 1923-70-2

Specifications & Purity: 99%

Lot #: D2321229

SKU #: **T109599**

Analysis: **197574**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	3.5-5 (%)	4.35 %
Water by Karl Fischer	0-1 (%)	0.10 %
Purity(Ion exchange titration)	99-100 (%)	99.99 %
Carbon by Elemental Analysis	54.5-56.9 (%)	55.98 %
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager