

Certificate of Analysis

Date of Testing: 2024-09-28 09:26:49

Date of Next Testing: 2027-09-28 09:26:49

Product Name: **Tantalum(V) ethoxide**

CAS Number: 6074-84-6

Specifications & Purity: $\geq 99.98\%$ metals basis

Lot #: I2420435

SKU #: **T475143**

Version: **1**

Analysis #: **391233**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals 99.98-100 (%) Analysis)		99.99 %
Total Metallic Impurities	0-200 (ppm)	116.00 ppm
Ta(gravimetric analysis after ignition to oxide)	43-46.1 (%)	44.16 %
Appearance(T475143)	White to pale yellow to light blue solid or Colorless to Yellow Liquid	White to pale yellow to light blue solid or Colorless to Yellow Liquid
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager