

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-02 11:13:37

Date of Next Testing: 2028-08-01 11:13:37

Product Name: **Tantalum nitride**

CAS Number: 12033-62-4

Specifications & Purity: 99.5% metals basis

Lot #: G2426030

SKU #: **T119195**Version: **0**Analysis #: **034234**

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.5-100 (%)	99.94%
Total Metallic Impuritie	0-5000 (ppm)	566.00 ppm
Appearance (T119195)	Grey to Dark Grey to Black Crystals	Grey to Dark Grey to Black Crystals
ICP:Confirms Tantalum Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager