

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-24 17:32:31

Date of Next Testing: 2029-03-23 17:32:31

Product Name: **High-purity ultra-fine tantalum carbide powder (TaC)**

CAS Number: 12070-06-3

Specifications & Purity: $\geq 98\%$, particle size: 800-1000nm

Lot #: F23161392

SKU #: **H579153**

Version: **1**

Analysis #: **675694**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Tantalum(Ta)	90.04-97.54 (%)	90.04080 %
Trace Metal Analysis	0-20000 (ppm)	19020.00000 ppm
Purity(Based On Trace Metals Analysis)	98-100 (%)	98.09800 %
Particle size	800-1000 (nm)	800.00000 nm
Appearance(H579153)	yellowish-brown to brown to dark brown powder	yellowish-brown to brown to dark brown powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager