

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-05 10:55:36

Date of Next Testing: 2026-07-04 10:55:36

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

CAS Number: 12070-06-3

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

Lot #: F23161388

SKU #: **H579153**

Version: **1**

Analysis #: **226211**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Particle size	800-1000 (nm)	800.00000 nm
Tantalum(Ta)	90.04-97.54 (%)	90.04100 %
Trace Metal Analysis	0-20000 (ppm)	19000.00000 ppm
Purity(Based On Trace Metals Analysis)	98-100 (%)	98.10000 %
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