

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-29 15:21:14
 Date of Next Testing: 2026-06-28 15:21:14
 Product Name: **High-purity ultra-fine tantalum carbide powder (TaC)**
 CAS Number: 12070-06-3
 Specifications & Purity: $\geq 98\%$, particle size: 800-1000nm
 Lot #: F2316392
 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