

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-16 17:25:35

Date of Next Testing: 2028-12-15 17:25:35

Product Name: **Lithium tantalate**

CAS Number: 12031-66-2

Specifications & Purity: $\geq 99.998\%$ metals basis

Lot #: L2512089

SKU #: **L283261**

Version: **1**

Analysis #: **627492**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity Based On Trace Metals Analysis	$\geq 99.998\%$ (%)	99.99850 %
Trace Metal Analysis by ICP Atomic emission	≤ 20 (ppm)	15.00 ppm
Appearance(L283261)	White to Almost white powder to crystal	White to Almost white powder to crystal
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP: Confirms Lithium and Tantalum Component	Confirmed	Confirmed



John Su
QA & QC Manager