

Certificate of Analysis

Date of Testing: 2025-05-15 09:45:40

Date of Next Testing: 2028-05-14 09:45:40

Product Name: **Lithium tantalate**

CAS Number: 12031-66-2

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

Lot #: G2227273

SKU # L283261

Version 1

Analysis #: 508986

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity Based On Trace Metals Analysis	≥ 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



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QA & QC Manager