

Certificate of Analysis

Date of Testing: 2023-09-05 17:18:28
Date of Next Testing: 2026-09-04 17:18:28
Product Name: **Titanium(II) hydride**
CAS Number: 7704-98-5
Specifications & Purity: hydrogen-storage grade
Lot #: I2301202
SKU #: **T433831**
Analysis: 274130
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ti(Gravimetric Analysis After Ignition to Oxide)	93.5-98.3 (%)	93.76 %
Hydrogen by Elemental Analysis	3.8-4.2 (%)	3.81 %
Particle size(-325mesh)	90-100 (%)	90.87000 %
Appearance(T433831)	Gray to Dark Gray or Gray-Black Powder	Gray to Dark Gray or Gray-Black Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager