

## Certificate of Analysis

Date of Testing: 2023-09-05 17:23:32  
Date of Next Testing: 2026-09-04 17:23:32  
Product Name: **Titanium(II) hydride**  
CAS Number: 7704-98-5  
Specifications & Purity: hydrogen-storage grade  
Lot #: I2301201  
SKU #: **T433831**  
**Analysis:** **272300**  
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 (%)	4.00 %
Particle size(-325mesh)	90-100 (%)	91.30450 %
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