

Certificate of Analysis

Date of Testing: 2023-09-27 10:01:54

Date of Next Testing: 2027-09-26 10:01:54

Product Name: **Titanium(IV) sulfide**

CAS Number: 12039-13-3

Specifications & Purity: 99.5% trace metals basis

Lot #: I2313495

SKU #: **T302605**

Version: **0**

Analysis #: **260525**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
total metallic impurities(by ICP Atomic emission)	0-5000 (ppm)	3680.00 ppm
Purity(ICP)	99.5-100 (%)	99.63 %
Appearance (T302605Form)	Powder or Crystals	Powder or Crystals
Appearance (T302605Color)	Grey to Green to Gold to Brown or Black	Grey to Green to Gold to Brown or Black
ICP:Confirms Titanium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager