

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-11 16:34:01

Date of Next Testing: 2027-03-10 16:34:01

Product Name: **Titanium oxysulfate - sulfuric acid hydrate**

CAS Number: 123334-00-9

Specifications & Purity: from Synthetic

Lot #: C2301122

SKU #: **T105245**

Version: **0**

Analysis #: **155019**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-15 (%)	3.81980 %
Sulfated H ₂ SO ₄ (Titration by NaOH)	20-50 (%)	49.05000 %
Ti(Gravimetric Analysis After Ignition to Oxide)	15-25 (%)	25.00000 %
Appearance (T105245)	White to Off-White Powder or Chunk or solid	White to Off-White Powder or Chunk or solid
ICP:Confirms Titanium and Sulfur Components	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager