

## Certificate of Analysis

Date of Testing: 2023-07-06 11:14:40  
Date of Next Testing: 2026-07-05 11:14:40  
Product Name: **Vanadium(IV) oxide sulfate hydrate**  
CAS Number: 123334-20-3  
Specifications & Purity: 97%  
Lot #: F2317888  
SKU #: **V431627**  
Analysis: **248167**

Parameter	Limit Values	Result
V(Titration by KMNO4)	19.4-24.3 (%)	20.88 %
Appearance(V431627)	Blue Powder or Crystals	Blue Powder or crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP: Confirms Vanadium Component	Confirmed	Confirmed



John Su  
QA & QC Manager