

## Certificate of Analysis

Date of Testing: 2024-03-07 12:52:38  
Date of Next Testing: 2027-03-07 12:52:38  
Product Name: **Vanadium(IV) oxide sulfate hydrate**  
CAS Number: 123334-20-3  
Specifications & Purity: 97%  
Lot #: B2429565  
SKU #: **V431627**  
Analysis: **320454**

Parameter	Limit Values	Result
V(Titration by KMNO4)	19.4-24.3 (%)	21.06 %
Appearance(V431627)	Blue Powder or Crystals	Blue Powder or crystals
ICP: Confirms Vanadium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager