

## Certificate of Analysis

Date of Testing: 2023-01-07 10:14:31  
Date of Next Testing: 2027-01-06 10:14:31  
Product Name: **Vanadium pentoxide**  
CAS Number: 1314-62-1  
Specifications & Purity: 99.99% metals basis  
Lot #: A2304746  
SKU #: **V112537**  
**Analysis: 146252**

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99%
V(Titration by KMNO4)	54.6-100 (%)	54.77%
Total Metallic Impuritie	0-200 (ppm)	70.00 ppm
Appearance (V112537Color)	Gold to Brown	Gold to Brown
Appearance (V112537Form)	Powder	Powder
ICP: Confirms Vanadium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager