

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-16 09:55:49  
Date of Next Testing: 2029-06-15 09:55:49  
Product Name: **Vanadium pentoxide**  
CAS Number: 1314-62-1  
Specifications & Purity: Premium-Grade Reagents,  $\geq 99\%$   
Lot #: F2504627  
SKU #: **V112535**  
Version: **3**  
Analysis #: **516601**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.02 (%)	0.01500 %
Sodium(Na)	0-0.04 (%)	0.00000 %
Heavy metal (as Pb)	0-0.005 (%)	0.00000 %
Insoluble matter in hydrochloric acid and silicateg	0-0.2 (%)	0.00000 %
Loss on Ignition (400°C $\pm$ 50°C)	0-0.15 (%)	0.00000 %
Iron(Fe)	0-0.02 (%)	0.00160 %
Purity(Titration)	98.5-101.5 (%)	98.56000 %
Ammonia (NH <sub>4</sub> )	0-0.05 (%)	0.02000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager