

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-11 11:39:49  
Date of Next Testing: 2029-08-10 11:39:49  
Product Name: **Vanadium pentoxide**  
CAS Number: 1314-62-1  
Specifications & Purity: Premium-Grade Reagents, ≥99%  
Lot #: G2531724  
SKU #: **V112535**  
Version: **3**  
Analysis #: **536729**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.02 (%)	0.00370 %
Sodium(Na)	0-0.04 (%)	0.00450 %
Insoluble matter in hydrochloric acid and silicatem	0-0.2 (%)	0.00000 %
Purity(Titration)	98.5-101.5 (%)	99.71000 %
Loss on Ignition (400°C±50°C)	0-0.15 (%)	0.10880 %
Iron(Fe)	0-0.02 (%)	0.00330 %
Heavy metal (as Pb)	0-0.005 (%)	0.00190 %
Ammonia (NH <sub>4</sub> )	0-0.05 (%)	0.05000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager