

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-11 10:45:45  
Date of Next Testing: 2029-08-10 10:45:45  
Product Name: **Vanadium pentoxide**  
CAS Number: 1314-62-1  
Specifications & Purity: Basic-Grade Reagents, ≥99%  
Lot #: G2531722  
SKU #: **V112536**  
Version: **0**  
Analysis #: **556139**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
loss on Ignition	0-0.25 (%)	0.10880 %
Ammonia (NH <sub>4</sub> )	0-0.1 (%)	0.05000 %
Heavy metal (as Pb)	0-0.01 (%)	0.00190 %
Chloride (Cl <sup>-</sup> )	0-0.02 (%)	0.00200 %
Assay	99-100 (%)	99.71000 %
Insoluble matter in hydrochloric acid and silicateg	0-0.3 (%)	0.00000 %
Iron(Fe)	0-0.03 (ppm)	0.00330 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.04 (%)	0.00370 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager