

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-21 17:20:54  
Date of Next Testing: 2026-07-20 17:20:54  
Product Name: **Vanadium pentoxide**  
CAS Number: 1314-62-1  
Specifications & Purity: reagent grade,99.0%  
Lot #: G2220095  
SKU #: **V112536**  
Analysis: **116721**

Parameter	Limit Values	Result
loss on Ignition	0-0.25 (%)	0.23%
Ammonia (NH <sub>4</sub> )	0-0.1 (%)	0.10%
Heavy metal (as Pb)	0-0.01 (%)	0.00%
Chloride (Cl <sup>-</sup> )	0-0.02 (%)	0.02%
Assay	99-100 (%)	99.96%
Insoluble matter in hydrochloric acid and silicatem	0-0.3 (%)	0.20%
Iron(Fe)	0-0.03 (ppm)	0.01 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.04 (%)	0.01%
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager