

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-23 19:04:37

Date of Next Testing: 2028-12-22 19:04:37

Product Name: **Vanadium pentoxide**

CAS Number: 1314-62-1

Specifications & Purity: Premium-Grade Reagents, ≥99%

Lot #: L2419516

SKU #: **V112535**

Version: **3**

Analysis #: **441438**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sodium(Na)	0-0.04 (%)	0.00100 %
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±50°C)	0-0.15 (%)	0.03200 %
Iron(Fe)	0-0.02 (%)	0.00250 %
Sulfate(SO42-)	0-0.02 (%)	0.01400 %
Ammonia (NH4)	0-0.05 (%)	0.04000 %
Purity(Titration)	98.5-101.5 (%)	101.45000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager