

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-15 16:08:12
Date of Next Testing: 2028-08-14 16:08:12
Product Name: **Vanadium pentoxide**
CAS Number: 1314-62-1
Specifications & Purity: Analytical Reagent,99.0%
Lot #: H2408615
SKU #: **V112535**
Version: **3**
Analysis #: **317616**

| Parameter | Limit Values | Result |
|--|-----------------------|-----------------------|
| Sulfate(SO42-) | 0-0.02 (%) | 0.00 % |
| Sodium(Na) | 0-0.04 (%) | 0.01 % |
| Heavy metal (as Pb) | 0-0.005 (%) | 0.00 % |
| Iron(Fe) | 0-0.02 (%) | 0.00 % |
| Ammonia (NH4) | 0-0.05 (%) | 0.04 % |
| Insoluble matter in hydrochloric acid and silicatematter | 0-0.2 (%) | 0.00 % |
| Purity(Titration) | 98.5-101.5 (%) | 101.24 % |
| Loss on Ignition (400°C±50°C) | 0-0.15 (%) | 0.00000 % |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager