

Certificate of Analysis

Date of Testing: 2022-10-31 16:36:25
Date of Next Testing: 2026-10-30 16:36:25
Product Name: **Vanadium pentoxide**
CAS Number: 1314-62-1
Specifications & Purity: reagent grade,99.0%
Lot #: J2227677
SKU #: **V112536**
Analysis: **150416**

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| loss on Ignition | 0-0.25 (%) | 0.23% |
| Ammonia (NH ₄) | 0-0.1 (%) | 0.03% |
| Heavy metal (as Pb) | 0-0.01 (%) | 0.01% |
| Chloride (Cl ⁻) | 0-0.02 (%) | 0.02% |
| Assay | 99-100 (%) | 99.83% |
| Insoluble matter in hydrochloric acid and silicatem | 0-0.3 (%) | 0.18% |
| Iron(Fe) | 0-0.03 (ppm) | 0.01 ppm |
| Sulfate(SO ₄ ²⁻) | 0-0.04 (%) | 0.02% |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager