

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ammonium metavanadate,AR,99%

ITEM NUMBER: A111822  
BRAND: Aladdin  
CAS NUMBER: 7803-55-6  
MDL NUMBER: MFCD00011453  
FORMULA: NH<sub>4</sub>VO<sub>3</sub>  
MOLECULAR WEIGHT: 116.99

| TEST                        | SPECIFICATION         |           | TARGET VALUE |
|-----------------------------|-----------------------|-----------|--------------|
|                             | MIN.                  | MAX.      |              |
| Assay                       | 99 %                  | 100 %     | 100 %        |
| Chloride(Cl)                | 0 %                   | 0.005 %   | 0.005 %      |
| Iron(Fe)                    | 0 ppm                 | 0.005 ppm | 0.005 ppm    |
| solubility in ammonia water | almost transparency   |           |              |
| Sulfate(SO <sub>4</sub> )   | 0 %                   | 0.01 %    | 0.01 %       |
| X-Ray Diffraction           | Conforms to Structure |           |              |