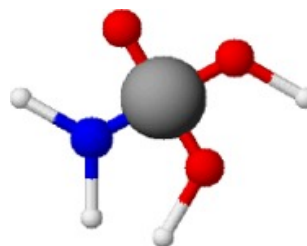


A0105TT Platinum Line

Warranty Certificate

Assay	min 98.5%
Chloride (Cl)	0.005%
Iron (Fe)	0.005%
Lead (Pb)	0.005%
Phosphate (PO ₄)	0.01%
Sulphate (SO ₄)	0.1%



Packaging

- 100g white plastic jar
- 500g white plastic jar

Physical properties, composition and data

Chemical formula	NH ₄ VO ₃ or H ₄ NO ₃ V
Synonym	Ammonium monovanadate; Ammonium vanadate
Chemical group	Vanadates
Atomic weight	116.98
Appearance	White or slightly yellowish crystalline powder
Solubility	Soluble in dilute ammonia solution and slightly in water (5.2g/l at 20°C)
Melting point	Decomposes above 210°C
Boiling point	Decomposes
Density (g/ml)	2.326
pH (aqueous solution)	6.5
Hazardous material	Toxic

Laboratory preparation, applications and practices

Laboratory preparation	Alkali solutions of vanadium pentoxide and precipitation with ammonium chloride
Usage	Analytical reagent. Haematoxylin staining in microscopy. For catalyst as vanadium pentoxide

Storage and handling information

Safety phrases	45
Risk phrases	28-36/37/38
Disposal methods	4

Transport regulations

Tariff code	2841.90.90
Hazardous class	6.1
Packing group	II
UN number	2859
ERG number	154

