

## A0110NN Gold Line

tetrahydrate

### Typical analysis

Assay	98%
Chloride (Cl)	0.005%
Iron (Fe)	0.005%
Lead (Pb)	0.005%
Phosphate (PO <sub>4</sub> )	0.02%

### Packaging

500g white plastic jar

## A0111NN Platinum Line

tetrahydrate

### Warranty Certificate

Assay	min 99%
Aluminium (Al)	0.001%
Calcium (Ca)	0.001%
Chloride (Cl)	0.001%
Copper (Cu)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%
Phosphate (PO <sub>4</sub> )	0.005%

### Packaging

500g white plastic jar



## Physical properties, composition and data

Chemical formula	(NH <sub>4</sub> ) <sub>6</sub> Mo <sub>7</sub> O <sub>24</sub> ·4H <sub>2</sub> O or H <sub>24</sub> N <sub>6</sub> O <sub>24</sub> ·4H <sub>2</sub> O
Chemical group	Molybdates
Synonym	Ammonium heptamolybdate; Ammonium paramolybdate; Molybdic acid; Molybdic acid hexammonium salt tetrahydrate
Atomic weight	1235.86
Appearance	Colourless, white or slightly greenish or yellowish crystals or powder
Solubility	Soluble in water (400g/l at 20°C)
Melting point	Loses water at 90°C
Boiling point	Decomposes at 190°C
Density (g/ml)	2.27
pH (aqueous solution)	5.0 - 5.5
Hazardous material	phosphates, arsenates, lead alkaloïds and more

## Laboratory preparation, applications and practices

Laboratory preparation	Dissolving molybdenum trioxide in aqueous ammonia
Usage	Analytical reagent. Determination of phosphates and silicates

## Storage and handling information

Storage	Store separated from incompatible substances
Safety phrases	7-45
Risk phrases	20/22
Disposal methods	3

## Transport regulations

Tariff code	2841.70.00
ECB number	234320.9

