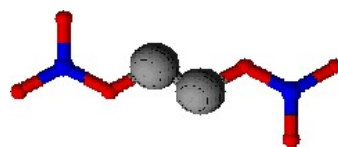


M1490TT	Platinum Line
dihydrate	
<b>Warranty certificate</b>	
Assay (Oxidimetric)	min 98%
Chloride (Cl)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Mercurous salts	0.2%
Residue on ignition	0.02%
Sulphate (SO <sub>4</sub> )	0.005%
Zinc (Zn)	0.0005%

**Packaging**

100g black plastic jar

**Physical properties, composition and data**

Chemical formula	Hg <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub> ·2H <sub>2</sub> O or Hg <sub>2</sub> N <sub>2</sub> O <sub>6</sub> ·2H <sub>2</sub> O
Synonym	Mercury (I) nitrate; Mercury protonitrate
Chemical group	Nitrates
Atomic weight	561.22
Appearance	Greenish yellow crystals
Odour	Slight odour of nitric acid
Solubility	Soluble in 13 parts water
Melting point	70°C and decomposes
Density (g/ml)	4.78
Hazardous material	Toxic

**Laboratory preparation, applications and practices**

Laboratory preparation	Action of cold dilute nitric acid upon an excess of mercury and warming slightly
Usage	Analytical reagent. Reagent for brucine and saccharin. Spraying reagent for T.L.C

**Storage and handling information**

Storage	Keep well closed and protected from light
Safety phrases	13-28-45-60-61
Risk phrases	26/27/28-33-50/53
Disposal methods	6

**Transport regulations**

Tariff code	2834.29.30
Hazardous class	6.1
Packing group	II
UN number	1627
ERG number	141

