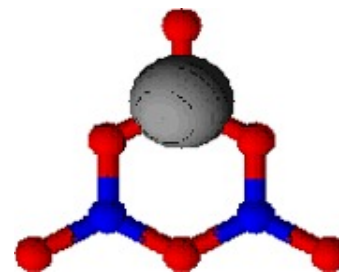


M1460TT	Gold Line
monohydrate	
Typical analysis	
Assay	98%
Chloride (Cl)	0.01%
Iron (Fe)	0.01%
Sulphate (SO ₄)	0.1%

Packaging
100g black plastic jar
500g black plastic jar

M1461TT	Platinum Line
monohydrate	
Warranty certificate	
Assay	min 98%
Chloride (Cl)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.002%
Mercurous salts	0.2%
Residue on ignition	0.01%
Sulphate (SO ₄)	0.02%

Packaging
100g black plastic jar
500g black plastic jar



Physical properties, composition and data

Chemical formula	Hg(NO ₃) ₂ ·H ₂ O or HgN ₂ O ₆ ·H ₂ O
Synonym	Mercury II nitrate; Mercury pernitrate
Chemical group	Nitrates
Atomic weight	342.62
Appearance	White or slightly yellow, deliquescent, crystalline powder
Odour	Odour of nitric acid
Hazardous material	Toxic
Melting point	79°C
Density (g/ml)	4.3
Solubility	Soluble in water and nitric acid

Laboratory preparation, applications and practices

Laboratory preparation	By action of hot nitric acid on mercury
Usage	Analytical reagent, nitration of aromatic organic compounds

Storage and handling information

Storage	Keep container tightly closed and protected from light separated from combustible substances and reducing agents
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	1625
ERG number	141
ECB number	233-886-4

