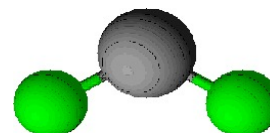


M1421NN	Gold Line
tetrahydrate	
Typical analysis	
Assay	98%
Iron (Fe)	0.005%
Sulphate (SO ₄)	0.05%
Water-insoluble matter	0.05%

Packaging
500g white plastic bottle

M1422NN	Platinum Line
tetrahydrate	
Warranty certificate	
Assay	min 99%
Calcium (Ca)	0.001%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.005%
Nickel (Ni)	0.0005%
Potassium (K)	0.001%
Sodium (Na)	0.005%
Sulphate (SO ₄)	0.005%
Zinc (Zn)	0.001%

Packaging
500g white plastic bottle



Physical properties, composition and data	
Chemical formula	MnCl ₂ ·4H ₂ O or Cl ₂ Mn·4H ₂ O
Synonym	Manganese II chloride, Manganese chloride, Manganese dichloride
Chemical group	Chlorides
Atomic weight	197.9
Appearance	Rose coloured, deliquescent crystals
Solubility	Soluble in water and ethanol
Melting point	87.5°C
Boiling point	1190°C
Density (g/ml)	1.91 - 2.01
pH (aqueous solution)	5.5

Laboratory preparation, applications and practices	
Usage	Determination of dissolved oxygen according to Winkler; Catalyst in the chlorination of organic compound:

Storage and handling information	
Safety phrases	22-36-61
Risk phrases	22-48/22-52
Disposal methods	3

Transport regulations	
Tariff code	2827.39.00

