

**M1455T Gold Line****Typical analysis**

Assay	min 99.5%
Iron (Fe)	0.01%
Lead (Pb)	0.001%
Residue on ignition	0.05%

**Packaging**

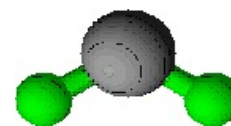
100g black plastic jar  
500g black plastic jar

**M1456T Platinum Line****Warranty certificate**

Assay	min 99.8%
Arsenic (As)	0.0001%
Iron (Fe)	0.0005%
Lead (Pb)	0.002%
Magnesium (Mg)	0.0005%
Non-volatile matter	0.02%
Residue on ignition	0.02%

**Packaging**

100g black plastic jar  
500g black plastic jar

**Physical properties, composition, and data**

Chemical formula	HgCl <sub>2</sub> or Cl <sub>2</sub> Hg
Chemical group	Chlorides
Synonym	Corrosive mercury chloride; Corrosive sublimate; Mercury (III) chloride; Mercuric bichloride; Mercury bichloride; Mercury perchloride
Atomic weight	271.50
Appearance	White, crystals, granules or powder
Solubility	Soluble in water, ethanol, benzene, ether, glycerol, acetic acid, methanol, acetone, ethyl acetate, pyridine
Melting point	276°C
Boiling point	Volatilises unchanged at about 300°C
Incompatible substances	Albumin, alkalis, alkaloid salts, ammonia, antimony, arsenic, borax, bromides, carbonates, copper, formates, gelatine, infusions of cinchona, lead, lime water, oak bark or senna, reduced iron, silver salts, sulphides, tannic acid, vegetable astringents
Density (g/ml)	5.44
pH (aqueous solution)	4.7
Hazardous material	Toxic

**Laboratory preparation, applications and practices**

Laboratory preparation	Direct combination of chlorine with mercury heated to volatilizing point of by sublimating mercuric sulphate with common sal
Usage	Analytical and synthesis reagent

**Storage and handling information**

Storage	Keep container tightly closed, protected from light and separated from incompatible substances
Safety phrases	36/37/39-45-60-61
Risk phrases	28-34-48/24/25-50/53
Disposal methods	6

**Transport regulations**

Tariff code	2827.39.00
Hazardous class	6.1
Packing group	II
UN number	1624
ERG number	154
ECB number	231-299-8

