

C0595TT Gold Line

dihydrate

Typical analysis

Assay	98%
Calcium (Ca)	0.05%
Iron (Fe)	0.01%
Insoluble matter	0.01%

Packaging

500g white plastic jar

C0596TT Platinum Line

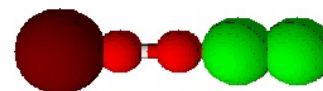
dihydrate

Warranty certificate

Assay	min 99%
Arsenic (As)	0.0005%
Calcium (Ca)	0.005%
Iron (Fe)	0.005%
Lead (Pb)	0.004%
Magnesium (Mg)	0.0005%
Potassium (K)	0.001%
Sodium (Na)	0.005%
Sulphate (SO ₄)	0.01%

Packaging

500g white plastic jar



Physical properties, composition and data

Chemical formula	CuCl ₂ ·2H ₂ O
Chemical group	Chlorides
Synonym	Copper II chloride; Copper dichloride
Atomic weight	170.48
Appearance	Green to blue powder or dark green crystals
Solubility	Soluble in water (1150g/l at 200°C), methanol and ethanol, acetone and ethyl acetate
Melting point	Loses water at 100°C
Boiling point	993°C and decomposes
Density (g/ml)	2.54
pH (aqueous solution)	Acid to litmus. 3.0 - 3.8
Incompatible substances	Potassium
Products of decomposition	Chlorine and Cuprous chloride
Hazardous material	Toxic

Laboratory preparation, applications and practices

Laboratory preparation	Treating copper carbonate with hydrochloric acid and the product crystallized
Usage	Analytical and synthesis reagent and catalyst for inorganic reaction
Filter paper	Filterch no: no: 165, 0225, 1839, 1845

Storage and handling information

Storage	Keep container well closed separated from incompatible substances
Safety phrases	24/25-45
Risk phrases	25
Disposal methods	22
Caution	Reacts violently with potassium

Transport regulations

Tariff number	2827.39.90
Hazardous class	8
Packing group	III
UN number	2802
ERG number	154

