

C0524CC **Gold Line**

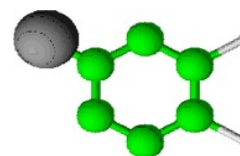
hexahydrate

Typical analysis

Assay of platinum	37.5%
Alkali and other salts (Sulphates)	0.05%

Packaging

1g black plastic jar

**Physical properties, composition and data**

Chemical formula	$H_2PtCl_6 \cdot 6H_2O$ or $Cl_6H_2Pt \cdot 6H_2O$
Synonym	Acid platinum chloride; Hexachloroplatinic IV acid; Hydrogen hexachloroplatinate IV; Platinic chloride
Atomic weight	517.92
Appearance	Brownish-yellow deliquescent crystalline masses
Solubility	Soluble in water and alcohol
Melting point	60°C
Hazardous material	2.431°C
Density (g/ml)	1.431

Laboratory preparation, applications and practices

Laboratory preparation	By solution of platinum in aqua regia, evaporation and crystallization
Usage	Analytical reagent. Potassium determination

Storage and handling information

Storage	Keep container tightly closed and protected from light and moisture
Safety phrases	22/26/36/37/39/45
Risk phrases	34/42/43
Disposal methods	13

Transport regulations

Tariff number	2843.90.90
Hazardous class	8
Packing group	III
UN number	2507
ERG number	154

