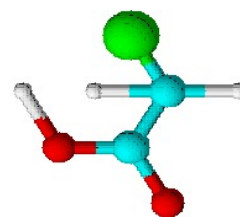


C0510TT Gold Line
Typical analysis

Assay (Acidimetric)	min 99%
Chloride (Cl)	0.001%
Iron (Fe)	0.0002%
Lead (Pb)	0.0004%
Sulphate (SO ₄)	0.001%

Packaging

500g white plastic jar


Physical properties, composition and data

Chemical formula	ClCH ₂ COOH or CH ₂ ClCOOH or C ₂ H ₃ ClO ₂
Synonym	Chloroacetic acid; Chloroethanoic acid; MCA; Monochloroacetic acid
Atomic weight	94.49
Appearance	Colourless or white, deliquescent crystals
Solubility	Soluble in water (4210g/l at 20 °C), ethanol, benzene, chloroform and ether
Melting point	61 - 63 °C
Boiling point	189 °C
Flash point	126 °C
Ignition point	470 °C
Density (g/ml)	1.37 - 1.58
pH (aqueous solution)	<1
Other information	Hygroscopic
Hazardous material	Toxic

Laboratory preparation, applications and practices

Laboratory preparation	Chlorination of glacial acetic acid in presence of a small amount of Sulphur or iodine Hydrolysis of trichloroethylene with 90% sulphuric acid
Usage	Analytical reagent, organic synthesis and acetylations

Storage and handling information

Storage	Keep container well closed and in an isolated place, separated from strong bases
Safety phrases	23-37-45-61
Risk phrases	25-34-50
Disposal methods	18

Transport regulations

Tariff number	2915.40.05
Hazardous class	6.1
Packing group	II
UN number	1751
Secondary risk	8
ECB number	201-178-4

