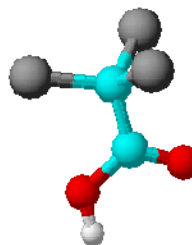


T2900CC	Platinum Line
<b>Warranty certificate</b>	
Assay (dry substance)	99 - 100.5%
Chloride (Cl)	0.005%
Iron (Fe)	0.001%
Lead (Pb)	0.001%
Loss on drying (18h on silica gel)	0.5%
Nitrate (NO <sub>3</sub> )	0.002%
Phosphate (PO <sub>4</sub> )	0.0005%
Residue on ignition	0.03%
Sulphate (SO <sub>4</sub> )	0.05%
Sulphated ash	0.02%
Water (H <sub>2</sub> O)	0.3%

**Packaging**

500g white plastic jar

**Physical properties, composition and data**

Chemical formula	CCl <sub>3</sub> COOH or C <sub>2</sub> HCl <sub>3</sub> O <sub>2</sub>
Synonym	TCA
Chemical group	Carboxylic acids
Atomic weight	163.39
Appearance	White crystals
Odour	Characteristic sharp, pungent odour
Solubility	Soluble in water, ethanol and ether
Melting point	54 - 57.5°C
Boiling point	197.5°C
Density (g/ml)	1.6298
pH (aqueous solution)	1.2
Hazardous material	Corrosive

**Laboratory preparation, applications and practices**

Laboratory preparation	By oxidation of chloral hydrate with nitric acid
Usage	Analytical and synthesis reagent. Decalcifier and fixative in microscopy

**Storage and handling information**

Storage	Keep container tightly closed in a cool, dry place
Safety phrases	24/25-26-45
Risk phrases	35
Disposal methods	18

**Transport regulations**

Tariff code	2915.40.15
Hazardous class	8
Packing group	II
UN number	1839
ERG number	153
ECB number	200-927-2

