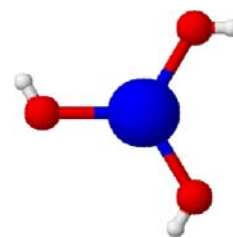


C05270C	Gold Line
<b>Typical analysis</b>	
Assay	99%
Iron (Fe)	0.01%
Sodium (Na)	0.05%
Sulphate (SO <sub>4</sub> )	0.05%

**Packaging**  
500g white plastic jar

C05280C	Platinum Line
<b>Warranty certificate</b>	
Assay	min 99%
Chloride (Cl)	0.005%
Iron (Fe)	0.005%
Nitrate (NO <sub>3</sub> )	0.05%
Sodium (Na)	0.01%
Sulphate (SO <sub>4</sub> )	0.005%
Water-insoluble matter	0.01%

**Packaging**  
500g white plastic jar



#### Physical properties, composition and data

Chemical formula	CrO <sub>3</sub>
Synonym	Chromic anhydride; Chromium VI oxide; Chromium trioxide
Atomic weight	99.99
Appearance	Red-brown flakes, crystals or granular powder
Solubility	Soluble in water (1660g/l at 200°C) turning yellow, alcohol and mineral acids
Melting point	196°C
Density (g/ml)	1.6 - 2.7
Incompatible substances	Alcohol, Bromides, Chlorides, Ether, Hypophosphites sulphites, Iodides, Phosphorus, Sulphides & almost all other organic substances
Products of decomposition	Chromium (III) oxide and oxygen above 250 °C

#### Laboratory preparation, applications and practices

Laboratory preparation	Action of concentrated sulphuric acid on a chromate solution
Usage	Analytical, synthesis and oxidation reagent and microscopical preparations
Filter paper	Filtel no: no: 0165, 1845

#### Storage and handling information

Storage	Keep container tightly closed in an isolated cool dry place separated from incompatible, combustible substances and reducing agents
Safety phrases	53-45
Risk phrases	49-8-25-35-43
Disposal methods	22
Caution	Violently explosive if mixed with dimethylformamide. Contact with combustible material may cause fire

#### Transport regulations

Tariff number	2819.19.10.00
Hazardous class	5.1
Packing group	II
UN number	1463
ERG number	141

