

C0476TT Gold Line

Typical analysis

Assay (GLC)	99%
Residue on evaporation	0.01%

Packaging

500ml amber glass bottle
2.5l amber glass bottle

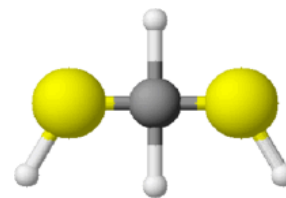
C0477TT Platinum Line

Warranty certificate

Assay (GLC)	min 99.5%
Copper (Cu)	0.00005%
Hydrogen Sulphide (H ₂ S)	0.0002%
Iron (Fe)	0.0002%
Lead (Pb)	0.00005%
Non-volatile matter	0.002%
Sulphur Dioxide (SO ₂)	0.00005%

Packaging

2.5l amber glass bottle



Physical properties, composition and data

Chemical formula	CS ₂
Synonym	Carbon bisulphide; Dithiocarbonic anhydride
Atomic weight	76.14
Weight per litre	1.26kg
Appearance	Clear, colourless to faintly yellowish mobile liquid
Odour	Disagreeable odour
Miscibility	Miscible with methanol, ethanol, ether, benzene, chloroform, carbon tetrachloride and oils
Melting point	- 111.6°C
Boiling point	46 - 46.5°C
Flash point	- 30°C
Ignition point	102°C
Density (g/ml)	1.24 - 1.27
Incompatible substances	Amines, Oxidizing agents, Potassium, Sodium and Zinc
Other information	Burns with a blue flame
Hazardous material	Toxic

Laboratory preparation, applications and practices

Laboratory preparation	Heat charcoal with vapourized sulphur
Usage	Analytical reagent. Solvent. Conversion of aliphatic nitro compounds to oximes
Filter paper	Filtech no: no: 0225, 1839

Storage and handling information

Storage	Store in a cool fireproof place separated from incompatible substances
Safety phrases	16-33-36/37-45
Risk phrases	11-36/38-48/23/62-63
Disposal methods	22
Caution	May explode in contact with azides or active metals or if heated

Transport regulations

Tariff number	2813.10.00
Hazardous class	3.1
Packing group	I
ERG number	131

