

C0520II	Gold Line
stabilised with amylene	
<b>Typical analysis</b>	
Assay	99%
Residue on evaporation	0.002%
Water (H <sub>2</sub> O)	0.05%

Packaging
500ml amber glass bottle
2.5l amber glass bottle
25l metal drum

C0521II	Platinum Line
stabilised with amylene	
<b>Warranty certificate</b>	
Assay	min 99.5%
Acidity (as Hydrochloric acid)	0.0005%
Aldehydes & ketones	0.005%
Free Chlorine (as Cl <sub>2</sub> )	0.0001%
Non-Volatile residue	0.001%
Viscosity at 20°C	0.57cP

Packaging
500ml amber glass bottle
2.5l amber glass bottle

C0522II	HPLC Line
<b>Warranty certificate</b>	
Assay (GLC)	min 99.9%
Acidity (Hydrochloric acid)	0.0005%
Non-Volatile impurities	0.0005%
Water	0.03%
UV transmission	
Quartz cuvette: 1 cm - control standard: water	
0 - 50 - 85 - 95 (Transmission %)	
230 - 250 - 260 - 280 (Wavelength nm)	

Packaging
2.5l amber glass bottle

#### Physical properties, composition and data

Chemical formula	CHCl <sub>3</sub>
Synonym	Methyldyne trichloride; Trichloromethane
Atomic weight	119.38
Weight per litre	1.48kg
Appearance	Colourless, refractive, volatile liquid
Odour	Characteristic odour
Miscibility	Miscible with alcohol, ether, benzene, carbon disulphide, carbon tetrachloride, and fixed and volatile oils
Melting point	-63.5°C
Boiling point	60 - 61.5°C
Density (g/ml)	1.47 - 1.48
Other information	Solidifies at -63.5°C
Hazardous material	Irritant

#### Laboratory preparation, applications and practices

Laboratory preparation	From acetone and bleaching powder by addition of sulphuric acid
Usage	Analytical reagent. Solvent for Karl Fischer titrations
Filter paper	Filtech no: no: 8613, 8614

#### Storage and handling information

Storage	Protect from light and keep cool and well ventilated
Safety phrases	36/37
Risk phrases	22-38-40-48/20/22
Disposal methods	15
Caution	Carcinogen. Narcotic

#### Transport regulations

Tariff number	2903.13.00
Hazardous class	6.1
Packing group	III
UN number	1888
ERG number	151
ECB number	200-663-8

