

**C0622II** **Gold Line****Typical analysis**

Assay (GLC)	98.5%
Residue on evaporation	0.05%

**C0623II** **Platinum Line****Warranty certificate**

Assay (GLC)	min 99.5%
Benzene	0.03%
Free acid (as HCl)	0.001%
Residue on evaporation	0.005%
Water (H <sub>2</sub> O) [Karl Fisher]	0.02%

**C0626II** **HPLC Line****Warranty certificate**

Assay	min 99.5%
Acidity (in HCl)	0.001%
Aromatic compounds	0.0005%
Non-volatile residue	0.0005%
Water (H <sub>2</sub> O)	0.1%
UV transmission	
Quartz cuvette: 1cm - control standard: water	
15 - 75 - 98 (Transmission %)	
210 - 230 - 250 (Wavelength nm)	

**Packaging**

500ml amber glass bottle  
2.5l amber glass bottle

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**Physical properties, composition and data**

Chemical formula	CH <sub>2</sub> (CH <sub>2</sub> ) <sub>4</sub> CH <sub>2</sub> or C <sub>6</sub> H <sub>12</sub>
Chemical group	Hydrocarbons
Synonym	Hexamethylene; Hexahydrobenzene; Hexanaphthene
Atomic weight	84.16
Weight per litre	0.78kg
Appearance	Colourless, mobile liquid
Odour	Pungent odour
Miscibility	Miscible with methanol, ethanol, ethyl ether, acetone, benzene and carbon tetrachloride
Melting point	6.47 °C
Boiling point	80.7 - 81 °C
Flash point	- 18.3°C (closed cup)
Ignition point	260 °C
Density (g/ml)	0.778
Hazardous material	Irritant

**Laboratory preparation, applications and practices**

Laboratory preparation	Distillation of petroleum
Usage	Analytical reagent and solvent
Filter paper	Filtech no: no: 8613, 8614

**Storage and handling information**

Storage	Store separated from heat in a fireproof place equipped with mechanical exhaust
Safety phrases	9-16-33-60-61-62
Risk phrases	11-38-50/53-65-67
Disposal methods	14
Caution	High concentrations may act as a narcotic

**Transport regulations**

Tariff number	2902.11.00
Hazardous class	3
Packing group	II
UN number	1145
ERG number	128
ECB number	203-806-2

