



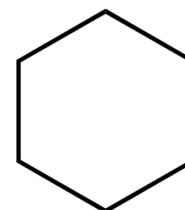
LEONID CHEMICALS PVT. LTD.

FINE CHEMICAL

Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-C071	
SPECIFICATION : CYCLOHEXANE HPLC					
Issue date	22/02/2018	Review date	21/02/2023	Location	Dobaspet
Version No.:	00	Supersedes	--	Page No	1 of 2

PRODUCT DETAILS

1	Molecular Formula	C ₆ H ₁₂
2	Product code	C071
3	Molecular weight	84.16
4	CAS No	110-82-7
5	Risk Statement No	11-38-50/51-65-67
6	Safety Statement No	16-25-33-60-61-62-9
7	UN No.	UN1145



PACKING DETAILS

	Product code	Pack size
1	C07130	500 mL

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Clear, colourless liquid.
2	Identification	By IR Spectrum
3	Miscibility	Miscible with ethanol, acetone, ether, benzene and carbon tetrachloride. Insoluble in water.
4	Assay (GC)	Not less than 99.5%
5	Weight per mL at 20°C	Between 0.778 and 0.780 g
6	Non-volatile matter	Not more than 0.001%
7	Acidity (HCl)	Not more than 0.001%
8	Water (by KF)	Not more than 0.03%
9	<u>Maximum absorbance (10 mm Cuvette using water as reference).</u>	
	<i>Wave length</i>	<i>Abs (Not less than)</i>
	220 nm	1.0
	240 nm	0.1
	260 nm	0.01

SAFETY SYMBOLS



Highly flammable



Harmful/Irritant



Health hazard



Dangerous for the environment