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CERTIFICATE OF ANALYSIS

Name of Product : CYCLOHEXANE HPLC-1 L	Batch No. : R236B16
Product Code : C0590	
Manufacturing Date : February,2016	Specification No. : FCC-073-R1
Expiry Date : January,2021	CAS No. : 110-82-7

TEST	RESULTS	SPECIFICATION
DESCRIPTION	Complies	A clear, colourless liquid.
MISCIBILITY	Complies	Miscible with ethanol, acetone, ether, benzene and carbon tetrachloride. 57 g miscible in 100 ml methanol at 20 °C. Virtually insoluble in water.
GUARANTEE ANALYSIS		
ASSAY	99.97 %	>= 99.70 %
WEIGHT PER ml (at 20°C)	0.7788 g	0.7780 to 0.7790 g
MAXIMUM LIMITS OF IMPURITIES		
ACIDITY	0.00030 %	<= 0.00100 %
WATER (by KF)	0.00300 %	<= 0.01000 %
NON-VOLATILE MATTER	0.000230 %	<= 0.000500 %
UV TRANSMITTANCE	Complies	Transmittance
230 nm	78.510 %	>= 50.000 %
240 nm	91.770 %	>= 80.000 %
260 nm	99.280 %	>= 98.000 %

Remark:- The batch complies with the laid down specification.
APPROVED.

Approved By



AJAY PANDEY
(MANAGER QA)