



CERTIFICATE OF ANALYSIS

Date : 26/02/14

PRODUCT NAME : CYCLOHEXANE GR

CAS No : 110-82-7

Mol. Formula : C_6H_{12}

Mol. WT : 84.16

Product code : 22830

Batch No : MCRT-7853

Mfd. : Feb. 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99.5 % min	99.99%
2	Wt. per ml (at 20 ⁰ c)	0.776-0.780g	0.778g
3	Freezing point	5.0 - 6.5 ⁰ c	6.3 ⁰ c
4	Refractive index at 20 ⁰ C	1.425- 1.426	1.425
5	Water(H ₂ O)	0.03 % max	0.011%
6	Non-volatile matter	0.001 % max	0.0008%
7	Benzene (C ₆ H ₆) (by GC)	0.01% max	<0.01 %
8	Cyclohexene (C ₆ H ₁₀) (by GC)	0.01% max	<0.01 %
9	Ethanol (by GC)	0.01% max	<0.01 %
10	Substance discoloured by H ₂ SO ₄	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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