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Certificate of Analysis

Product **34781 - Cyclohexane extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [110-82-7]**

Batch No **3330472**

Analysis Date 06-Aug-2023

Date of Manufacture August 2023

Expiry Date/Re-Test Date August 2028

Molecular Formula C6H12

Molecular Weight 84.16

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.5%	99.71%
Density (g/ml) @ 20°C	0.777-0.779	0.777
Refractive Index (20°C)	1.425-1.426	1.425
Boiling Range	80-81°C	80-81°C
Freezing Point	6-7°C	7°C
Non Volatile Matter	max. 0.001%	0.0001%
Acidity (HCl)	max. 0.001%	0.0006%
Substance Discoloured by H2SO4	Passes test	Passes
Iron (Fe)	max. 0.000005%	Passes
Heavy Metals (Pb)	max. 0.000002%	Passes
Benzene (C6H6)	max. 0.01%	Passes
Cyclohexene (C6H10)	max. 0.01%	Passes
Water (KF)	max. 0.01%	0.01%

FRM/82/11/2/34781 Rev No. 2 Date 13/10/2016

Prepared by Ashish

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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