



**SISCO
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Certificate of Analysis

Product	46616 - Cyclohexane ACS, 99.5% - [110-82-7]
Batch No	4144640
Analysis Date	02-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C6H12
Molecular Weight	84.16

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min 99.5%	99.95%
Density (g/ml) @ 20°C	0.777-0.779	0.778
Refractive Index (20°C)	1.425-1.426	1.425
Boiling Range	80-81°C	80-81°C
Freezing Point	6-7°C	6°C
Non Volatile Matter	max. 0.002%	0.0002%
Substance Discoloured by H2SO4	Passes test	Passes
Water (KF)	max. 0.02%	0.004%
Absorbance of sample in 1cm cell v/s H2O		.
@210nm	max. 1.0	0.66
@220nm	max. 0.50	0.29
@230nm	max. 0.20	0.10
@240nm	max. 0.08	0.03
@250 nm	max. 0.03	0.01
@260nm	max. 0.02	0.005
@300-400nm	max. 0.01	0.001

FRM/82/11/2/46616 Rev No. 2 Date 12/10/2023

Prepared by Akshay

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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