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Certificate of Analysis

Product	33823 - n-Hexane for HPLC, 99% - [110-54-3]
Batch No	5312456
Analysis Date	12-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	C6H14
Molecular Weight	86.18

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%	99.23%
Density (g/ml) @ 20°C	0.658-0.659	0.658
Refractive Index (20°C)	1.375-1.376	1.375
Boiling Range	68-69°C	68-69°
Non Volatile Matter	max. 0.0005%	0.0001%
Acidity (CH3COOH)	max. 0.0005%	0.0004%
Substance Discoloured by H2SO4	Passes test	Passes
Benzene (C6H6)	max. 0.01%	Passes
Water (KF)	max. 0.01%	0.006%
%T (Transmission) in a 1cm cell v/s H2O		.
@195nm	≥10	11
@200nm	≥20	22
@210nm	≥50	52
@220nm	≥80	82
@230nm	≥90	95
@240nm	≥95	97
@250nm	≥98	99
@270-400nm	≥99	100

FRM/82/11/2/33823 Rev No. 4 Date 09/03/2016

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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