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Certificate of Analysis

Product	65764 - n-Hexane for HPLC, 95% - [110-54-3]
Batch No	1533565
Analysis Date	14-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. 95%	96.55%
Density (g/ml) @ 20°C	0.658-0.659	0.658
Refractive Index (20°C)	1.375-1.376	1.375
Boiling Range	65-70°C	65-70°C
Non Volatile Matter	max. 0.0005%	0.0003%
Acidity (CH3COOH)	max. 0.0005%	0.0004%
Substance Discoloured by H2SO4	Passes test	Passes
Water (KF)	max. 0.01%	0.01%
%T (Transmission) in a 1cm cell v/s H2O		.
@195nm	≥10	15
@200nm	≥30	30
@210nm	≥60	63
@220nm	≥90	90
@230nm	≥95	95
@240-400nm	≥99	99

FRM/82/11/2/65764 Rev No. 1 Date 01/11/2015

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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