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# Certificate of Analysis

<b>Product</b>	<b>12534 - n-Hexane extrapure AR, 99% - [110-54-3]</b>
<b>Batch No</b>	<b>6114975</b>
<b>Analysis Date</b>	24-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	C6H14
<b>Molecular Weight</b>	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%	99.43%
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°C
Non Volatile Matter	max. 0.001%	0.0003%
Acidity (CH3COOH)	max. 0.0005%	0.0004%
Substance Discoloured by H2SO4	Passes test	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00001%	Passes
Aromatic Hydrocarbons (C6H6)	max. 0.01%	Passes
Bromine Number	max. 0.5	Passes
Sulphur Compound (S)	max. 0.005%	Passes
Water (KF)	max. 0.01%	0.009%

FRM/82/11/2/12534 Rev No. 2 Date 13/03/2016

Prepared by Akshay

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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