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# Certificate of Analysis

<b>Product</b>	<b>94979 - n-Heptane extrapure AR, 99% - [142-82-5]</b>
<b>Batch No</b>	<b>6179781</b>
<b>Analysis Date</b>	30-Jul-2024
<b>Date of Manufacture</b>	July 2024
<b>Expiry Date/Re-Test Date</b>	July 2029
<b>Molecular Formula</b>	C7H16
<b>Molecular Weight</b>	100.20

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%	99.61%
Density (g/ml) @ 20°C	0.683-0.684	0.683
Refractive Index (20°C)	1.387-1.388	1.387
Boiling Range	98-99°C	98-99°C
Non Volatile Matter	max. 0.001%	0.0001%
Acidity (CH <sub>3</sub> COOH)	max. 0.0005%	0.0004%
Substance Discoloured by H <sub>2</sub> SO <sub>4</sub>	Passes	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00001%	Passes
Sulphur Compound (S)	max. 0.005%	Passes
Water (KF)	max. 0.02%	0.003%

FRM/82/11/2/94979 Rev No. 1 Date 01/11/2015

Prepared by Rganesh

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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