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Certificate of Analysis

Product	94979 - n-Heptane extrapure AR, 99% - [142-82-5]
Batch No	5043559
Analysis Date	12-Jun-2024
Date of Manufacture	June 2024
Expiry Date/Re-Test Date	June 2029
Molecular Formula	C7H16
Molecular Weight	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%	99.38%
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%	0.0002%
Acidity (CH ₃ COOH)	max. 0.0005%	0.0004%
Substance Discoloured by H ₂ SO ₄	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%	0.006%

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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