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PVT. LTD.**

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Certificate of Analysis

Product	41730 - n-Pentane extrapure AR, 99% - [109-66-0]
Batch No	4641606
Analysis Date	18-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	C5H12
Molecular Weight	72.15

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%	99.19%
Density (g/ml) @ 20°C	0.625-0.626	0.626
Refractive Index (20°C)	1.357-1.358	1.357
Boiling Range	35-36°C	35-36°C
Non Volatile Matter	max. 0.002%	0.0005%
Acidity (CH3COOH)	max. 0.001%	0.0008%
Substance Discoloured by H2SO4	Passes test	Passes
Iron (Fe)	max. 0.00005%	Passes
Heavy Metals (Pb)	max. 0.00005%	Passes
Bromine Number	max. 0.5	Passes
Sulphur Compound (S)	max. 0.005%	Passes
Water (KF)	max. 0.01%	0.007%

FRM/82/11/2/41730 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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