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Certificate of Analysis

Product 27226 - n-Hexane extrapure AR, ACS, ExiPlus,
Multi-Compendial, 99% - [110-54-3]
Batch No 3984138
Analysis Date 19-Oct-2023
Date of Manufacture October 2023
Expiry Date/Re-Test Date October 2028
Molecular Formula C6H14
Molecular Weight 86.18

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Miscibility	Anhydrous ethanol	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
Thiophene (C4H4S)	Passes test	Passes
Water (KF)	max. 0.01%	0.009%

FRM/82/11/2/27226 Rev No. 2 Date 14/12/2019

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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