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CERTIFICATE OF ANALYSIS

Name of the Sample : n – Hexane AR
Batch No. : 228145
Date of Mfg. : Nov 2024
Date of Exp. : Oct 2029
Register No. : 2024-25
Qty of Sample : 500ml
Date of Analysis : Nov 2024

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A clear colorless liquid
2.	Assay (GC)	99.53%	99.0%
3.	Wt. per ml at 20°C	0.665gm	0.658 - 0.670 g
4.	Water	0.042%	Max 0.05%
5.	Non volatile matter	0.0001%	Max 0.001%
6.	Acidity (CH ₃ .COOH)	< 0.0005%	Max 0.0005%
7.	Alkalinity (NH ₃)	< 0.0003%	Max 0.0003%
8.	Aromatic hydrocarbons (C ₆ H ₆)	< 0.01%	Max 0.01%
9.	Sulphur compound (CS ₂)	< 0.0003%	Max 0.0003%
10.	Substances darkened by H ₂ SO ₄	Passes	To Pass test

Chief Chemist