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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : n – Hexane AR  
**Batch No.** : 226820  
**Date of Mfg** : Aug 2023  
**Date of Exp.** : July 2028  
**Register No.** : 2023-24  
**Qty of Sample** : 500ml  
**Date of Analysis** : Aug 2023

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A clear colorless liquid
2.	Assay (GC)	99.4%	99.0%
3.	Wt. per ml at 20°C	0.6639gm	0.658 - 0.670 g
4.	Water	0.038%	Max 0.05%
5.	Non volatile matter	0.0003%	Max 0.001%
6.	Acidity (CH <sub>3</sub> .COOH)	< 0.0005%	Max 0.0005%
7.	Alkalinity (NH <sub>3</sub> )	< 0.0003%	Max 0.0003%
8.	Aromatic hydrocarbons (C <sub>6</sub> H <sub>6</sub> )	< 0.01%	Max 0.01%
9.	Sulphur compound (CS <sub>2</sub> )	< 0.0003%	Max 0.0003%
10.	Substances darkened by H <sub>2</sub> SO <sub>4</sub>	Passes	To Pass test

**Chief Chemist**