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Registered Off. : 101-A, Deep Enclave, Pocket 'D', Ashok Vihar, Phase-III, Delhi-110 052 (India)  
Corporate Off. : 152, Vardhman City Centre, Near Shakti Nagar Underbridge, Delhi-110052 (India)  
Works : Plot No.1022, Modern Industrial Estate, Bahadurgarh-124507, Haryana (India)  
Telephone : 0091 - 11 - 23646422 E-mail : tecpharm@gmail.com  
Website : www.technopharmchem.com

### CERTIFICATE OF ANALYSIS

Name of the Sample : n – Hexane AR Grade  
Batch No. : 224504  
Date of Mfg : Feb 2021  
Date of Exp. : Jan 2026  
Register No. : 2021-22  
Qty of Sample : 500ml  
Date of Analysis : Feb 2021

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	A clear colorless liquid
2.	Assay (GC)	99.48%	99.0%
3.	Wt. per ml at 20° C	0.658gm	0.658-0.659 g
4.	Water	0.014%	Max 0.05%
5.	Non volatile matter	0.0007%	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