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CERTIFICATE OF ANALYSIS

Name of the Sample : n – Hexane AR
Batch No. : 228840
Date of Mfg. : Sep 2025
Date of Exp. : Aug 2030
Register No. : 2025-26
Qty of Sample : 500ml
Date of Analysis : Sep 2025

| S. No | Test Parameters | Observed Values | Standard Values |
|-------|--|-----------------|--------------------------|
| 1. | Description | Passes | A clear colorless liquid |
| 2. | Assay (GC) | 99.22% | 99.0% |
| 3. | Wt. per ml at 20°C | 0.664gm | 0.658 - 0.670 g |
| 4. | Water | 0.031% | Max 0.05% |
| 5. | Non volatile matter | < 0.001% | 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