# CERTIFICATE OF ANALYSIS

**PRODUCT NAME : n-PENTANE FOR SYNTHESIS**

| | | | |
|---|---|---|---|
| **CAS No** | **: 109-66-0** | **Product code** | **: 16728** |
| **Mol. Formula** | **: $CH_3(CH_2)_3.CH_3$** | **Batch No.** | **: MCR-28533** |
| **Mol. WT** | **: 72.15** | **Mfd.** | **: June 2023** |
| **Date of analysis** | **: 15/06/23** | **Exp.** | **: May 2028** |

| S.R | Test | Specification | Observation |
|---|---|---|---|
| 1 | **Description** | A clear liquid with characteristic odour. | A clear liquid with characteristic odour. |
| 2 | **Assay (GC)** | 99 % min | 99.26% |
| 3 | **Wt.per ml (at$20^0$c)** | 0.625-0.626g | 0.625g |
| 4 | **Refractive index** | 1.357 – 1.360 | 1.358 |
| 5 | **Non Volatile Matter** | 0.005% max | 0.0008% |
| 6 | **Water (by KF)** | 0.02 % max | 0.006 % |

**REMARK**: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]** **[QC Incharge]**

**CHEMIST**
**(Deepa)**

**HEAD-QUALITY ASSURANCE**
**(G.G.Salian)**

**Note**: Computer generated image requires no sign.

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