



Quality control laboratory

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| Product name | Ethanol absolute | Batch no. | EAK925L |
| MFG .Date | 7/2025 | EXP.Date | 7/2030 |
| Sensitive | -- | Storage | RT |
| CAS no. | 64-17-5 | M.W | 46.07 |
| | | g/mol | M.F |
| | | | C ₂ H ₅ OH |

| S.N | Characteristics | Unite | Specification | Result |
|-----|---------------------|----------|---------------|--------|
| 1 | Appearance | | colorless | Pass |
| 2 | Density | g/ml | 0.791 -0.794 | Pass |
| 3 | Boiling point | C | 78 - 79 | Pass |
| 4 | Solubility | In water | soluble | Pass |
| 5 | Assay | Wt% | MIN (99) | 99.5 |
| 6 | water | Wt% | 0.2 | Pass |
| 7 | Methanol | Ppm | Negative | Pass |
| 8 | Volatile impurities | ppm | negative | Pass |
| 9 | Heavy metal as (Pb) | PPM | MAX 2 | Pass |
| 10 | Sulfate | PPM | MAX 10 | Pass |
| 11 | Chloride | PPM | MAX 5 | Pass |
| 12 | Calcium | PPM | MAX 10 | Pass |

Above batch material complies with prescribed quality of the standard as stated above.

M.Nashat
QC Manger

