



Quality control laboratory

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|--------------|---------------|-----------|--------|
| Product name | Ethanol (96%) | Batch no. | ET925K |
| 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 | 0.810 | Pass |
| 3 | Boiling point | C | 78 | Pass |
| 4 | Solubility | In water | soluble | Pass |
| 5 | Assay | Wt% | MIN (95) | 96 |
| 6 | water | Wt% | 4.0– 5.0 | 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

