



**Quality control laboratory**

|              |         |           |          |
|--------------|---------|-----------|----------|
| Product name | Acetone | Batch no. | ACBA925L |
| MFG .Date    | 06/2025 | EXP.Date  | 06/2030  |
| Sensitive    | --      | Storage   | --       |

|         |         |     |       |       |     |                                 |
|---------|---------|-----|-------|-------|-----|---------------------------------|
| CAS no. | 67-64-1 | M.W | 58.08 | g/mol | M.F | C <sub>3</sub> H <sub>6</sub> O |
|---------|---------|-----|-------|-------|-----|---------------------------------|

| S.N | Characteristics     | Unite    | Specification | Result |
|-----|---------------------|----------|---------------|--------|
| 1   | Appearance          |          | colorless     | Pass   |
| 2   | Density             | g/ml     | 0.789 -0.792  | Pass   |
| 3   | Boiling point       | C        | 55.5 – 56.5   | 55.8   |
| 4   | Solubility          | In water | soluble       | Pass   |
| 5   | pH                  | --       | 5 – 6         | Pass   |
| 6   | Assay               | Wt%      | MIN (99)      | 99.5   |
| 7   | Ethanol             | ppm      | 50 max        | 30     |
| 8   | Benzene             | ppm      | 2max          | 2      |
| 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