



**Quality control laboratory**

|              |                       |           |          |
|--------------|-----------------------|-----------|----------|
| Product name | D-glucose monohydrate | Batch no. | GLAX100K |
| MFG .Date    | 11/2023               | EXP.Date  | 11/2027  |
| Sensitive    | --                    | Storage   | RT       |

CAS no. 5996-10-1      M.W 198.2 g/mol      M.F C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>.H<sub>2</sub>O

| S.N | Characteristics | Unite    | Specification | Result |
|-----|-----------------|----------|---------------|--------|
| 1   | Appearance      |          | White         | Pass   |
| 2   | Density         | g/ml     | 1.544         | Pass   |
| 3   | Melting point   | C        | 83            | Pass   |
| 4   | Solubility      | In water | soluble       | Pass   |
| 5   | pH              | --       | 5.0 – 7.0     | Pass   |
| 6   | Assay           | Wt%      | MIN (98)      | 99.0   |
| 7   | Sucrose         | Wt%      | 0.005         | 0.003  |
| 8   | Iron            | Wt%      | 0.01          | 0.005  |

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

*A.SAD*

QC Manger

