

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : DEXTROSE ANHYDROUS PURIFIED**  
**[ D(+ )glucose anhydrous ]**

**CAS No** : 50-99-7  
**Mol. Formula** : C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>  
**Mol. WT** : 180.16  
**Date of analysis** : 19/03/24

**Product code** : 14120  
**Batch No** : MCR-30648  
**Mfd.** : March 2024  
**Exp.** : Feb. 2029

| S.R | Test                                                                         | Specification                         | Observation         |
|-----|------------------------------------------------------------------------------|---------------------------------------|---------------------|
| 1   | <b>Description</b>                                                           | A white powder or crystalline powder. | A white powder.     |
| 2   | <b>Specific rotation <math>[\alpha]^{20}_D</math><br/>(C = 10% in water)</b> | +52 <sup>0</sup> to +53 <sup>0</sup>  | +52.99 <sup>0</sup> |
| 3   | <b>Reaction</b>                                                              | NLT 5.8                               | 7.16                |
| 4   | <b>Loss on drying at 110<sup>0</sup>C</b>                                    | 1% max                                | 0.09%               |
| 5   | <b>Sulphated ash</b>                                                         | 0.1% max                              | 0.02%               |
| 6   | <b>Arsenic (As)</b>                                                          | 0.0001% max                           | <0.0001%            |
| 7   | <b>Lead (Pb)</b>                                                             | 0.0002% max                           | <0.0002%            |
| 8   | <b>Chloride (Cl)</b>                                                         | 0.02% max                             | <0.02%              |
| 9   | <b>Sulphate (SO<sub>4</sub>)</b>                                             | 0.02% max                             | <0.02%              |

**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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