



## **CERTIFICATE OF ANALYSIS**

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

**CAS No** : 50-99-7  
**Mol. Formula** :  $C_6H_{12}O_6$   
**Mol. WT** : 180.16  
**Date of analysis** : 27/07/23

**Product code** : 14120  
**Batch No** : MCR-28889  
**Mfd.** : July 2023  
**Exp.** : June 2028

| S.R | Test                                                      | Specification                         | Observation        |
|-----|-----------------------------------------------------------|---------------------------------------|--------------------|
| 1   | Description                                               | A white powder or crystalline powder. | A white powder.    |
| 2   | Specific rotation $[\alpha]^{20}_D$<br>(C = 10% in water) | +52 <sup>0</sup> to +53 <sup>0</sup>  | +52.6 <sup>0</sup> |
| 3   | Reaction                                                  | NLT 5.8                               | 5.90               |
| 4   | Loss on drying at 110 <sup>0</sup> C                      | 1% max                                | 0.42%              |
| 5   | Sulphated ash                                             | 0.1% max                              | 0.01%              |
| 6   | Arsenic (As)                                              | 0.0001% max                           | <0.0001%           |
| 7   | Lead (Pb)                                                 | 0.0002% max                           | <0.0002%           |
| 8   | Chloride (Cl)                                             | 0.02% max                             | <0.02%             |
| 9   | Sulphate (SO <sub>4</sub> )                               | 0.02% max                             | <0.02%             |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Nikita)**

**HEAD-QUALITY ASSURANCE**  
**(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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