



## **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** : 28/11/19

**Product code** : 14120  
**Batch No** : MCR-20200  
**Mfd.** : Nov. 2019  
**Exp.** : Oct. 2024

| 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> | +52.50 <sup>0</sup> |
| 3    | Reaction                                                  | NLT 5.8                              | 6.2                 |
| 4    | Loss on drying at 110 <sup>0</sup> C                      | 1% max                               | 0.7%                |
| 5    | Sulphated ash                                             | 0.1% max                             | 0.006%              |
| 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]**

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

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

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