



## **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** : 28/04/19

**Product code** : 14120  
**Batch No** : MCR-18610  
**Mfd.** : April 2019  
**Exp.** : March 2024

| 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></b><br><b>(C = 10% in water)</b> | +52 <sup>0</sup> to +53 <sup>0</sup> | +52.60 <sup>0</sup> |
| 3    | <b>Reaction</b>                                                                    | NLT 5.8                              | 6.21                |
| 4    | <b>Loss on drying at 110<sup>0</sup>C</b>                                          | 1% max                               | 0.69%               |
| 5    | <b>Sulphated ash</b>                                                               | 0.1% max                             | 0.04%               |
| 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]**

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

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

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