



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : D(-)RIBOSE**

**CAS No : 50- 69- 1**  
**Mol. Formula : C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>**  
**Mol. WT : 150.13**  
**Date of analysis : 18/08/22**

**Product code : 17700**  
**Batch No : MCR-24003-01**  
**Mfd. : Aug. 2022**  
**Exp. : July 2027**

| S. R | Test                                                                  | Specification                                                      | Observation               |
|------|-----------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------|
| 1    | Description                                                           | White to almost white to light yellow to beige crystalline powder. | Beige crystalline powder. |
| 2    | Assay                                                                 | 99% min.                                                           | 99.24%                    |
| 3    | Specific rotation<br>( [α] <sup>20°</sup> <sub>D</sub> , 2% in water) | -18° to -22°                                                       | -19.80°                   |
| 4    | Heavy metals (as Pb)                                                  | 0.001% max.                                                        | < 0.001%                  |
| 5    | Water                                                                 | 0.5% max.                                                          | 0.26%                     |

**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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