



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : D(-)-ARABINOSE AR**

**CAS No : 10323- 20- 3**

**Mol. Formula : C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>**

**Mol. WT : 150.13**

**Date of analysis : 05/01/20**

**Product code : 21880**

**Batch No : MCR-20535**

**Mfd. : Jan. 2020**

**Exp. : Dec. 2024**

| S. R | Test                                                                         | Specification                                     | Observation              |
|------|------------------------------------------------------------------------------|---------------------------------------------------|--------------------------|
| 1    | Description                                                                  | A white to off white powder or crystalline powder | White crystalline powder |
| 2    | Assay                                                                        | 99 % min.                                         | 99.28 %                  |
| 3    | Melting point                                                                | 156-160 <sup>0</sup> C                            | 159.4 <sup>0</sup> C     |
| 4    | Sulphated ash                                                                | 0.1% max.                                         | 0.04 %                   |
| 5    | Specific rotation[α] <sup>20</sup> <sub>D</sub><br>(C=5 in H <sub>2</sub> O) | -104 +/-1 <sup>0</sup>                            | -104.58 <sup>0</sup>     |

**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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