

## Certificate of Analysis

Date of Testing: 2023-03-07 10:54:41

Date of Next Testing: 2027-03-06 10:54:41

Product Name: **L(+)-Arabinose**

CAS Number: 5328-37-0

Specifications & Purity: 98%

Lot #: C2302474

SKU #: **A106195**

**Analysis:** **195282**

Storage Temperature: Argon charged, Desiccated

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation [α] <sub>20</sub> /D(c=5 in H <sub>2</sub> O) | 102-106 (°)           | 102.02 °              |
| Purity(HPLC)                                                    | 98-100 (%)            | 99.84900 %            |
| Heavy metal (as Pb)                                             | 0-10 (ppm)            | 6.00 ppm              |
| Sulfate Ash                                                     | 0-0.5 (%)             | 0.02 %                |
| Water by Karl Fischer                                           | 0-0.5 (%)             | 0.01 %                |
| Melting point                                                   | 152-166 (°C)          | 165.98000 °C          |
| Infrared spectrum                                               | Conforms to Structure | Conforms to Structure |



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