

## Certificate of Analysis

Date of Testing: 2024-12-19 16:08:07

Date of Next Testing: 2028-12-18 16:08:07

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

CAS Number: 5328-37-0

Specifications & Purity:  $\geq 98\%$

Lot #: L2417604

SKU #: **A106195**

Version: **0**

Analysis #: **452429**

Storage Temperature: Argon charged, Desiccated

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$ | 102-106 (°)           | 102.12 °              |
| Purity(HPLC)                                                    | 98-100 (%)            | 99.86100 %            |
| Heavy metal (as Pb)                                             | 0-10 (ppm)            | 5.00 ppm              |
| Sulfate Ash                                                     | 0-0.5 (%)             | 0.04 %                |
| Water by Karl Fischer                                           | 0-0.5 (%)             | 0.04 %                |
| Melting point                                                   | 152-166 (°C)          | 165.96000 °C          |
| Infrared spectrum                                               | Conforms to Structure | Conforms to Structure |



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