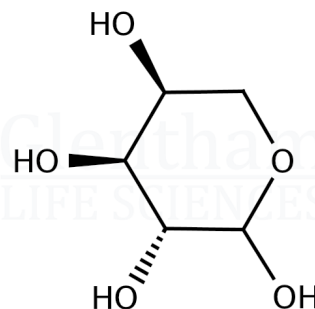


## Certificate of Analysis

|                |                 |
|----------------|-----------------|
| Product Name   | L-(+)-Arabinose |
| Glenthams Code | GC0157          |
| CAS Number     | 5328-37-0       |
| EINECS         | 226-214-6       |
| MDL Number     | MFCD00135866    |
| Additional CAS | 87-72-9         |
| Additional CAS | 147-81-9 (DL-)  |
| PubChem SID    | 310266976       |
| Batch Number   | 908SAN          |

|                   |                                               |
|-------------------|-----------------------------------------------|
| Molecular Weight  | 150.13                                        |
| Molecular Formula | C <sub>5</sub> H <sub>10</sub> O <sub>5</sub> |
| Storage Temp.     | +20°C                                         |



| Property                                                    | Specification                            | Batch 908SAN               |
|-------------------------------------------------------------|------------------------------------------|----------------------------|
| Physical Description                                        | White to almost white crystalline powder | White crystalline powder   |
| Identification (IR)                                         | To conform to standard                   | Conforms                   |
| Solubility (10% in water)                                   | Clear, colourless solution               | Clear, colourless solution |
| Specific Optical Rotation ([α] <sub>D</sub> <sup>20</sup> ) | +101.0 - +105.0 ° (c=2, water, 24h)      | +102.96 °                  |
| Melting Point                                               | 152.0 - 160.0 °C                         | 157.7 °C                   |
| Loss on Drying                                              | ≤ 1.0% (105°C)                           | 0.24%                      |
| Assay (GC)                                                  | ≥ 98.5%                                  | 99.8%                      |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.2       |
| Manufacture Date      | 2022-05-14 |
| Re-Test Date          | 2031-06-09 |

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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