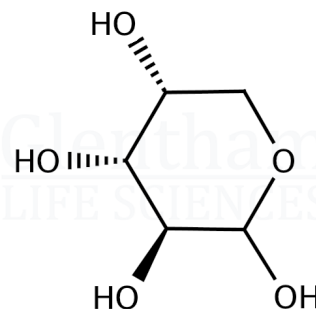


## Certificate of Analysis

|                 |              |
|-----------------|--------------|
| Product Name    | D-Arabinose  |
| Glentham Code   | GC6439       |
| CAS Number      | 10323-20-3   |
| EINECS          | 233-708-5    |
| MDL-Nummer      | MFCD00064361 |
| Zusätzliche CAS | 28697-53-2   |
| PubChem SID     | 310266977    |
| Batch Number    | 209PVO       |

|                   |                                               |
|-------------------|-----------------------------------------------|
| 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 209PVO               |
|--------------------------------------------------|-------------------------------------------------|----------------------------|
| Physical Description                             | White to almost white powder                    | White powder               |
| Solubility (5% in water)                         | Clear, colourless to very faint yellow solution | Clear, colourless solution |
| Specific Optical Rotation ([α] <sub>20/D</sub> ) | -101.0 - -105.0 ° (c=10, water, 24hr)           | -103.2 °                   |
| Melting Point                                    | 155.0 - 160.0 °C                                | 158.0 - 160.0 °C           |
| Loss on Drying                                   | ≤ 1.0%                                          | 0.09%                      |
| Heavy Metals                                     | ≤ 20ppm                                         | Entspricht                 |
| Residue on Ignition                              | ≤ 0.2%                                          | Entspricht                 |
| Assay (HPLC)                                     | ≥ 98.5%                                         | 99.9%                      |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.1       |
| Manufacture Date      | 2020-07-30 |
| Re-Test Date          | 2028-08-04 |

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

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025