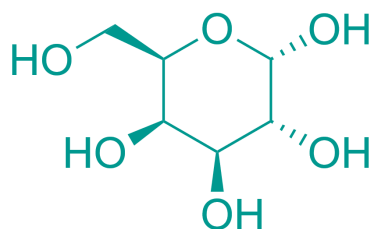


## D-Galactose (Plant Derived)

### TECHNICAL PROFILE

- Technical name: D-Galactose (Plant Derived)
- CAS No: 59-23-4
- Empirical formula:  $C_6H_{12}O_6$
- Molecular weight: 180.16

### CHEMICAL STRUCTURE



| TEST                      | SPECIFICATION  |
|---------------------------|--|
| Appearance                | White or almost white  |
| Identification            | Positive   |
| Clarity                   | Clear  |
| Colour                    | 30 APHA Max  |
| Specific optical rotation | +78.0° ~ +81.5°  |
| Loss on drying            | 1% max   |
| Residue on ignition       | 0.1% max   |
| Acidity                   | Corresponds to EP  |
| Barium                    | Corresponds to EP  |
| Sulfate                   | 0.1 % max  |
| Heavy metals              | 10ppm max  |
| Lead                      | 0.5ppm max   |
| Assay                     | 99.0% min  |
| Total bacteria count      | 1000Col/g max  |
| E. Coli                   | Negative   |
| Endotoxin level           | 25EU/g max   |
| Storage                   | Store in a well-closed container at room temperature, protected from direct sunlight and moisture, unless otherwise specified. |

Products which are subject to patent protection are currently not offered or made available in countries where patents are in force. No orders or deliveries are possible prior to the expiry date of valid patents.

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