

## Product Datasheet

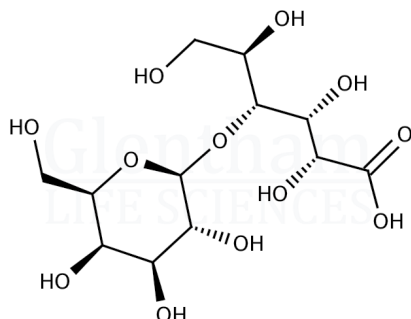
### GC0324 - Lactobionic acid, EP grade

#### Product Details

|                    |                                    |
|--------------------|------------------------------------|
| Product Name       | Lactobionic acid, EP grade         |
| Glenthams Code     | GC0324                             |
| CAS Number         | 96-82-2                            |
| EINECS             | 202-538-3                          |
| Related Categories | Carbohydrates,<br>Oligosaccharides |

#### Structure

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Molecular Weight  | : 358.30                                          |
| Molecular Formula | : C <sub>12</sub> H <sub>22</sub> O <sub>12</sub> |



|                                |                                 |
|--------------------------------|---------------------------------|
| Solubility (3g in 25ml water)  | : Clear, colourless solution    |
| Specific Optical Rotation      | : +23.0 - +29.0 ° (dried basis) |
| Reducing Sugars                | : ≤ 0.2%                        |
| Heavy Metals                   | : ≤ 10ppm                       |
| Calcium (Ca)                   | : ≤ 500ppm                      |
| Chloride (Cl)                  | : ≤ 500ppm                      |
| Iron (Fe)                      | : ≤ 100ppm                      |
| Ash                            | : ≤ 0.1%                        |
| Water                          | : ≤ 5.0%                        |
| Assay                          | : 98.0 - 102.0 % (dried basis)  |
| Pharmacopoeia Specification(s) | : EP                            |
| Version                        | : v1.1                          |

#### About Lactobionic acid, EP grade

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

|                      |                                            |
|----------------------|--------------------------------------------|
| Physical Description | : White to almost white crystalline powder |
| Identification       | : According to EP                          |

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