

## Product Datasheet

### GP9262 - alpha-Cyclodextrin, Ph.

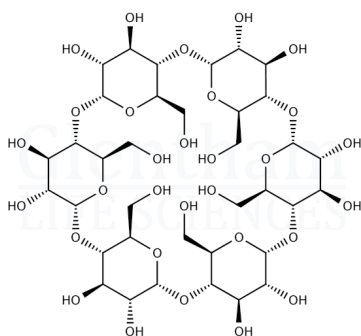
### Eur. grade

#### Product Details

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Product Name       | alpha-Cyclodextrin, Ph. Eur. grade                  |
| Glentham Code      | GP9262                                              |
| CAS Number         | 10016-20-3                                          |
| EINECS             | 233-007-4                                           |
| MDL-Nummer         | MFCD00078207                                        |
| Related Categories | APIs, Carbohydrates, Biochemicals, Oligosaccharides |

#### Structure

Molecular Weight : 972.86  
Molecular Formula :  $C_{36}H_{60}O_{30} \cdot xH_2O$



|                                |                                                          |
|--------------------------------|----------------------------------------------------------|
| Physical Description           | : White or almost white, amorphous or crystalline powder |
| Identification                 | : A, B, C according to EP                                |
| Solubility (1% in water)       | : Clear, colourless solution                             |
| pH                             | : 5.0 - 8.0                                              |
| Specific Optical Rotation      | : +147 - +152 °                                          |
| Reducing Sugars                | : ≤ 0.2%                                                 |
| Light-Absorbing Impurities     | : ≤ 0.05 (350 - 750nm)                                   |
| Individual Impurities          | : ≤ 0.25% (A, B according to EP)                         |
| Total Other Impurities         | : ≤ 0.5%                                                 |
| Heavy Metals                   | : ≤ 10ppm                                                |
| Loss on Drying                 | : ≤ 11.0%                                                |
| Residue on Ignition            | : ≤ 0.1%                                                 |
| Assay (dried basis)            | : 98.0 - 101.0 %                                         |
| Pharmacopoeia Specification(s) | : EP                                                     |
| Version                        | : v1.0                                                   |

### About alpha-Cyclodextrin, Ph. Eur. 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.

#### Glentham Product Specification

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