

## Product Datasheet

### GC6443 - alpha-Cyclodextrin

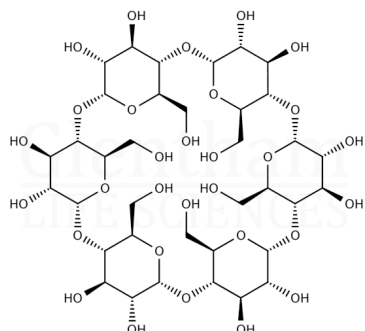
#### Product Details

Product Name	alpha-Cyclodextrin
Glentham Code	GC6443
CAS Number	10016-20-3
EINECS	233-007-4
MDL Number	MFCD00078207
PubChem SID	310270644
Related Categories	APIs, Carbohydrates, Biochemicals, Oligosaccharides

Physical Description	: White powder
Solubility (1% in water)	: Clear, colourless solution
Specific Optical Rotation ([ $\alpha$ ] <sub>D</sub> <sup>25</sup> )	: +145 - +151 ° (c=1, water)
Lead (Pb)	: ≤ 0.5ppm
Arsenic (As)	: ≤ 2ppm
Heavy Metals	: ≤ 5ppm
Residue on Ignition	: ≤ 0.1%
Loss on Drying	: ≤ 16.0%
Purity (HPLC)	: ≥ 98%
Version	: v1.1

#### Structure

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



#### About alpha-Cyclodextrin

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

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024