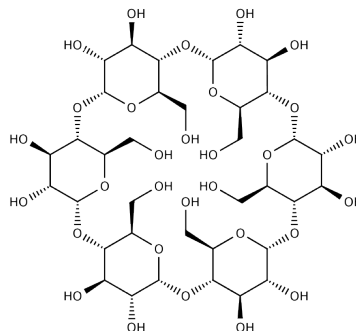


## Product Specification

Product Name : alpha-Cyclodextrin  
Glentham Code : GC6443  
CAS Number : 10016-20-3  
EINECS : 233-007-4  
MDL Number : MFCD00078207  
PubChem SID : 310270644

Molecular Weight : 972.86  
Molecular Formula : C<sub>36</sub>H<sub>60</sub>O<sub>30</sub> · xH<sub>2</sub>O  
Storage Temp. : +20°C



Property	Specification
Physical Description	White powder
Solubility (1% in water)	Clear, colourless solution
Specific Optical Rotation ( $[\alpha]_{25/D}$ )	+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%

Specification Version : v1.1  
Date Created : 2017-03-29

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.

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