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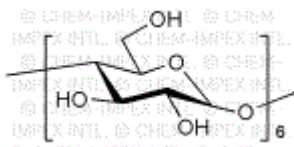
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	01963
Product	α-Cyclodextrin Schardinger α -dextrin Cyclohexaamylose
CAS Number	10016-20-3
Molecular Formula	C ₃₆ H ₆₀ O ₃₀
Molecular Weight	972.9

Appearance	White to off-white crystalline powder
Solubility	Clear solution (10 mg/mL in water)
Water Content (Karl Fisher)	≤ 11%
pH	5 - 8
Yeast and Mold	≤ 100 cfu/g
Optical Rotation	[α] _D ²⁰ = 147 - 152 °
UV Ratios	Limit of light absorbing substances : Absorbance at 230 - 350 nm : ≤ 0.1 Absorbance at 350 - 750 nm : ≤ 0.05
Reducing Sugars	≤ 0.2%
E. Coli	Absent
Microbial Count	≤ 1000 cfu/g (TABC)
Salmonella	Absent
Related Substances	Beta cyclodextrin : ≤ 0.25% Gamma cyclodextrin : ≤ 0.25% Other related substances : ≤ 0.5%
Residue On Ignition	≤ 0.1%
Assay (anhydrous basis)	98 - 101%
Grade	meets USP specification
Storage	Store at RT
Additional Information	Identification : Test A : To pass test Test B : Test for optical rotation : To pass test Test C : A yellow-brown precipitate is formed

Product Specifications

Catalog Number: 01963

For Laboratory Use Only