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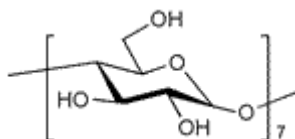
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	03591
Product	β-Cyclodextrin Cycloheptaamylose Cyclomaltoheptaose
CAS Number	7585-39-9, 68168-23-0
Molecular Formula	C ₄₂ H ₇₀ O ₃₅
Molecular Weight	1134.98

Appearance	White crystalline powder
Clarity & Color	Clear and colorless solution (0.2 g in 20 mL freshly boiled and cooled water)
Heavy Metals	≤ 5 mg/g
Water Content (Karl Fisher)	≤ 14%
pH	5 - 8
Mould and Yeast	≤ 100 cfu/g
Optical Rotation	[α] _D ²⁰ = 160 - 164 °
Reducing Sugars	≤ 0.2%
E. Coli	Absent
Microbial Count	≤ 1000 cfu/g (TAMC)
Salmonella	Absent
Related Substances	Alpha Form : ≤ 0.25% Gamma Form : ≤ 0.25% Other related substances : ≤ 0.5% Light absorbing impurities from 230 to 350 nm : ≤ 0.1% Light absorbing impurities from 350 to 750 nm : ≤ 0.05%
Residue On Ignition	≤ 0.1%
Assay (anhydrous basis)	98 - 102%
Grade	Meets USP specification
Storage	Store at RT

Product Specifications

Catalog Number: 03591

Additional Information	Identification :
	Test for A : Infrared Absorption : Conforms to structure
	Test for B : To pass test
	Test for C : Optical rotation : To pass test
	Test for D : A yellow brown precipitate may be form : To pass test

For Laboratory Use Only