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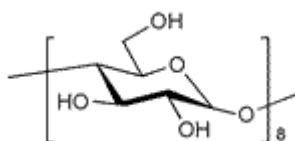
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	21825
Product	γ-Cyclodextrin Cycloflo(TM) 42 Cyclooctaamylose
CAS Number	17465-86-0
Molecular Formula	C ₄₈ H ₈₀ O ₄₀
Molecular Weight	1297.12
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Appearance	White or almost white amorphous or crystalline powder
Clarity & Color	Absorbance \leq 0.2 at 420 nm and the solution is clear
Heavy Metals	\leq 5 ppm
Optical Rotation	$[\alpha]_D^{20} = 174 - 180^\circ$ (C=10 mg/mL)
Infrared Spectrum	Conforms to structure
Reducing Substances	\leq 0.5%
Loss on Drying	\leq 11% (105 °C, 2h)
Related Substances	Alpha-cyclodextrin : \leq 0.5% Beta-cyclodextrin : \leq 0.5% Sum of other impurities : \leq 0.5%
Residue On Ignition	\leq 0.1%
Assay	98 - 102% (Dried basis)
Grade	Meets USP specification
Storage	Store at 0 - 8 °C
Additional Information	Identification : B. The retention time of the major peak from the Sample solution corresponds to that of the Standard solution, as obtained in the Assay. C : It meets the requirements of the test for Specific Rotation.

For Laboratory Use Only