

山东滨州智源生物科技有限公司

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Specification Data Sheet for Gamma-cyclodextrin

Cas No:17465-86-0

Appearance:	White or almost white amorphous or crystalline powder .	
Solubility:	Freely soluble in water and in propylene glycol;Very slightly soluble in alcohol.	
Identification:	IR	Same absorption bands as USP Gamma Cyclodextrin RS
	HPLC	The retention time of the major peak of same solution corresponds to the standard solution.
	Optical rotation	+174° ~+180°
Assay	98.0%~102.0%	
Residue on Ignition	≤0.1%	
PH	PH 5.0~8.0	
Reducing Substances	≤0.5%	
Alpha cyclodextrin	≤0.5%	
Beta cyclodextrin	≤0.5%	
Sum of other impurities	≤0.5%	
Loss on Drying	≤11.0%	
Color and Clarity of solution	At 420nm,the absorbance is not greater than 0.2.,and the solution is clear.	
The total aerobic microbial count	≤1000cfu/g	
The total combined moulds and yeasts count	≤100cfu/g	
Storage	Preserve in well-closed containers.Store at room temperature.	