

# 山东滨州智源生物科技有限公司

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## Specification Data Sheet for (2-Hydroxypropyl)-beta-cyclodextrin

Cas No:128446-35-5

Appearance:		White or almost white, amorphous or crystalline powder
Solubility:		Freely soluble in water and in propylene glycol
Identification:	IR	Same absorption bands as USP (2-Hydroxypropyl)-beta-cyclodextrin RS
	Clarity of Solution	Positive
Molar Substitution		0.4~1.5
Beta Cyclodextrin		≤1.5%
Propylene Glycol		≤2.5%
Total impurities (excluding beta cyclodextrin and propylene Glycol)		≤1.0%
Propylene Oxide		≤1ppm
Loss on drying		≤10.0%
Clarity of Solution		1.0g/2ml 1.0g/2ml water solution is clear and transparent
Conductivity		≤200μS/cm
Bacterial Endotoxins Test		According to preparation needs
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.