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Specification

Technical Data Sheet

Product Name	2-Hydroxypropyl-beta-cyclodextrin
Product No	44405595
CAS Number	128446-35-5
Storage Temperature	Ambient
Molecular Weight	1400 Average
	Specification
Heavy metals	≤20ppm
Loss on Drying	≤10%
Assay	≥98%
Residue on Ignition	0.2%max
Conductivity	10% (w/v) water solution ≤200μS/cm
Degree of Substitution	2.8 - 10.5
Other Impurity	≤1%
Clarity of Solution	50% (w/v) water solution is clear
Chloride	≤0.05%
Appearance	White powder, insipid, innocent
Conforms to USP	USP35-MF30
Identification (IR spectrum)	same absorption bands with USP Hydroxypropyl Betadex RS
Residue betadex	≤1.5%
Propylene Glycol	≤2.5%
Propylene oxide	≤1 ppm
TMAC (cfu/g)	≤1000 cfu/g
TYMC (cfu/g)	≤100 cfu/g
Salmonella/E.Coli (cfu/g)	Absent