

Specification

Technical Data Sheet

Product Name	2-Hydroxypropyl-beta-cyclodextrin
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Product No	44405595
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CAS Number	128446-35-5
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Storage Temperature	Ambient
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Molecular Weight	1400 Average
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Specification

Appearance	White to off-white powder
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Identification	Conforms to reference
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Loss on Drying	$\leq 10.0\%$
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Clarity of Solution	50% (w/v) water solution is clear
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Conductivity	10% (w/v) water solution $\leq 200\mu\text{S}/\text{cm}$
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Other Impurity	$\leq 1.0\%$
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Propylene oxide	$\leq 1 \text{ ppm}$
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Specification

TMAC (cfu/g)	≤ 1000 cfu/g
TYMC (cfu/g)	≤ 100 cfu/g
Conforms to USP	-
Identification (IR \squarespectrum)	same absorption bands with USP Hydroxypropyl Betadex RS
Propylene Glycol	$\leq 2.5\%$
Residue betadex	$\leq 1.5\%$
