

山东滨州智源生物科技有限公司

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Specification Data Sheet for 2,6-Di-O-methyl-beta-cyclodextrin

Cas No:51166-71-3

Appearance:	White powder;Odorless,slightly sweet;
Solubility:	Very soluble in water,sparingly soluble in methanol,easily soluble in ethanol and ethylene glycol,almost insoluble in cyclohexane and ethyl acetate.
Assay	98.0%
Specific rotation	+154°~+165°
Water solution PH	PH 5.0~7.5
Clarity of Solution	2.5g/25ml Water solution is clear
Light-absorbing impurities	Between 230 nm and 350 nm,the absorbance is not greater than 1.0;and between 350 nm and 750 nm,the absorbance is not greater than 0.1
Average Degree of Substitution	7.0~13.3
Loss on Drying	≤7.0%
Residue on ignition	≤0.5%
Heavy Metal	≤10ppm
Beta Cyclodextrin	≤0.2%
Chloride	≤0.2%
The total aerobic microbial count	≤1000cfu/g
The total combined moulds and yeasts count	≤100cfu/g
Escherichia coli	Absence