

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	32076
Lot Number	002987-0501
Product	Methyl-β-cyclodextrin
CAS Number	128446-36-6

Appearance	White powder
Appearance of Solution	Clear solution in 2.5 g / 25 mL water
Solubility	Very soluble in water and methanol, easily soluble in ethanol and ethylene glycol, almost insoluble in cyclohexane and ethyl acetate
Odor	Odorless
Heavy Metals	< 10 ppm
Anion	Chloride : < 0.2%
pH	6.5
Yeast and Mold	< 10 cfu/g
Optical Rotation	$[\alpha]^{20}_D = 158.8^\circ$
Loss on Drying	4%
E. Coli	Not detected
Microbial Count	< 10 cfu/g (TAMC)
Related Substances	Beta-cyclodextrin : 0.05%
Residue On Ignition	0.07%
Assay	99.88%
Storage	Store at RT
Additional Information	Taste : Slightly sweet Average degree of substitution : 12.25 Light absorbing impurities : Between 230 nm & 350 nm, the absorbance is not greater than 1.0 and between 350 nm & 750 nm, the absorbance is not greater than 0.1

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager