



A Global Chem Supplier 西安泰诚化工有限公司

Xi'an TaiCheng Chem Co., Ltd

Add: Room 11213, F112, Unit 1, Hengda Intl. Bldg, Changan South Rd 375, Xi'an China

Tel: 0086-29-88315623

Fax: 0086-29-88315623

www.taichem.cn

Em: sales@taichem.cn

CERTIFICATE OF ANALYSIS

Product	Hydroxypropyl betadex/(2-Hydroxypropyl)-β-cyclodextrin)		
Batch. No.	HP20200313	Mfg. Date	2020.03.13
Place of sample	Clean workshop	EXP. date	2022.03.12
Report date	2020.04.03	Standard	USP42-NF37
Item	Specification		Test result
Appearance	White or almost white, amorphous or crystalline powder. Freely soluble in water and propylene glycol		Conforms
Identification	IR:same absorption bands as USP Hydroxypropyl Betadex RS		Conforms
	Clarity of solution :Positive		Conforms
Molar substitution	0.40-1.50		0.66
Betadex	≤1.5%		0.3%
Propylene glycol	≤2.5%		0.1%
Any other single impurity	≤0.25%		Not detected
Total impurities excluding betadex and propylene glycol	≤1.0%		Not detected
Propylene oxide	≤1ppm		0.05ppm
Loss on drying	≤10.0%		3.0%
Assay	≥99.5%		99.51%
Clarity of solution	1.0g/2ml water solution is clear and transparent		Conforms
Conductivity	≤200μS/cm		108μS/cm
The total aerobic microbial count	≤1000cfu/g		<10cfu/g
The total combined moulds and yeasts count	≤100cfu/g		<10cfu/g
Packaging and storage	Preserve in well-closed containers.Store at room temperature.		
Conclusion: conform to USP42-NF37			

Analyst: 程小倩

QC Supervisor:

张明

