

# 山东滨州智源生物科技有限公司

SHANDONG BINZHOU ZHIYUAN BIOTECHNOLOGY CO.,LTD

山东省滨州市博兴县经济开发区兴业四路 118 号

BOXING ECONOMIC DEVELOPMENT ZONE,  
BINZHOU, SHANDONG, CHINA

电话 TEL:+86-531-88916568 Mail:enquiry@cydextrin.com



## Specification Data Sheet for Betadex Sulfobutyl Ether Sodium salt

Cas No:182410-00-0

Appearance:		White or almost white amorphous powder
Solubility:		Very soluble in water, sparingly soluble in methanol, practically insoluble in ethanol, in n-hexane, in 1-butanol, in acetonitrile, in 2-propanol and in ethyl acetate.
Identification:	IR	Same absorption bands as USP Betadex Sulfobutyl Ether Sodium salt RS
	HPLC	The retention time of the major peak of same solution corresponds to the standard solution.
	Average degree of substitution	Confirm.
	Sodium	Identify test are positive for Sodium.
Assay		95.0%~105.0%
Beta Cyclodextrin		≤0.1%
1,4- Butane Sultone		≤0.5ppm
Sodium Chloride		≤0.2%
4-Hydroxybutane-1-sulfonic Acid		≤0.09%
Bis(4-sulfobutyl) Ether Disodium		≤0.05%
Bacterial Endotoxins		≤20EU/g
The total aerobic microbial count		≤100cfu/g
The total combined moulds and yeasts count		≤50cfu/g
Escherichia coli		Absence
Clarity of solution		30%(w/v)solution is clear and essentially free from particles of foreign matter.
PH		4.0~6.8
Water content		≤10.0%
Storage		Preserve in well-closed containers, Store at room temperature. Protect from moisture.