



CERTIFICATE OF ANALYSIS

Product name	Acarbose (Cas 56180-94-0)		
Batch No.	191201	Mfg. date	2019.12.03
Rep. Date	2019.12.06	Exp. date	2021.12.02
Packaging	5kg/drum	Test according to	USP41
Test Items	Standards		Results
Appearance	White or yellowish amorphous powder, hygroscopic. Very soluble in water, soluble in methanol, practically insoluble in methylene chloride		Conforms
Identification	Should conform		Conforms
Water	NMT4.0%		3.0%
PH	5.5~7.5		7.2
Specific optical rotation	+168°~+183°		+175°
Sulphated ash	NMT0.2%		0.05%
Related Substances	Any other impurity:	Each impurity:	<0.2%
	Impurity A	NMT0.6%	0.3%
	Impurity B	NMT0.5%	0.2%
	Impurity C	NMT1.5%	0.2%
	Impurity D	NMT1.0%	0.2%
	Impurity E	NMT0.2%	ND
	Impurity F	NMT0.3%	ND
	Impurity G	NMT0.3%	ND
	Impurity H	NMT0.2%	ND
Assay(on dried basis)	95.0%~102.0%		98.5%
Total impurities	NMT3.0%		1.1%
Total plate counts	NMT1000cfu/g		< 10cfu/g
Mould	NMT100cfu/g		< 10cfu/g
Conclusion	It meets the requirements of USP41 Standards		
Storage	Store in a well-closed container at ambient temperature		
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