

Product:		Acarbose		Batch No.:		04200401A	
Quantity:		300000g		Packing:		25000g/Bag	
Analysis Standard:		EP 10.0		Manu. Date:		Mar.12,2020	
Analysis Date:		Apr.09,2020	CertDate:	Apr.09,2020	Expiry Date:		Mar.11,2022

Items		Specifications		Results	
Characters		White or yellowish, amorphous powder, Hygroscopic. Very soluble in water, soluble in methanol, practically insoluble in methylene chloride.		Complies	
Identification		As per EP 10.0		Complies	
Absorbance		Max. 0.15 at 425nm for solution S.		0.005	
Assay(on anhydrousbasis)		95.0%-102.0%		98.7%	
Water		≤4.0%		2.3%	
Specific optical rotation		+168° ~+183°		+179°	
Sulfated ash		≤0.2%		0.06%	
pH		5.5-7.5		7.3	
Related substance	Impurity A	≤ 0.6%		0.3%	
	Impurity B	≤ 0.5%		0.2%	
	Impurity C	≤ 1.5%		0.2%	
	Impurity D	≤ 1.0%		0.1%	
	Impurity E	≤ 0.2%		Not Detected	
	Impurity F	≤ 0.3%		Not Detected	
	Impurity G	≤ 0.3%		Not Detected	
	Any other impurity	Each impurity ≤ 0.2%		Complies	
	Total impurities	≤3. 0%		1.0%	