



Certificate of Analysis

Product name	Sorbitol powder	Specification:	Pharma grade
Package:	25kg/bag	Quantity:	10,000kgs
MFG Date:	2025/02/13	EXP Date:	2027/02/12
Batch No.:	SPE25021301	Standard	EP10

Test Items	Testing Standards	Test Result
Appearance	White or almost white, crystalline powder, very soluble in water; practically insoluble in ethanol (96%)	Qualified
Identification test-A	Qualified	Qualified
Identification test-B	Qualified	Qualified
Identification test-C	Qualified	Qualified
Specific optical rotation	-4+ to +7	+4.8
Appearance of solution	Clear and colorless	Qualified
Conductivity	Not more than 20 μ S.cm-1	6 μ S.cm-1
Reducing Sugar, ω %	$\leq 0.2\%$	0.03%
Related products	Any Impurity:<2.0%	0.8%
	Total Impurities:<3.0%	1.3%
Water	$\leq 1.5\%$	0.5%
Sorbitol Assay, ω %	97.0%-102.0%	99.9%
TAMC	≤ 100 CFU per g	Qualified
TYMC	≤ 100 CFU per g	Qualified
Escherichia coli	Negative	Not detected
Bacterial endotoxins	≤ 2.5 IU/g	Qualified
Salmonella	Negative	Not detected
Conclusion:	The sorbitol powder product meets requirement of: EP10.	

