



Certificate of Analysis

Name of Product	Sorbitol powder	Date of Manufacture	July 5th,2021
Date of Test	July 5th,2021	Expiry Date	July 4th,2023
Quantity	500kgs	Batch	A202107053
Specification Standard	BP2019		
Test Items	Testing Standards	Test Result	Conclusion
Appearance	White or almost white, crystalline powder, very soluble in water; practically insoluble in ethanol(96%)	White or almost white, crystalline powder, very soluble in water; practically insoluble in ethanol(96%)	Qualified
Identification test-A	Qualified	Qualified	Qualified
Identification test-B	Qualified	Qualified	Qualified
Identification test-C	Qualified	Qualified	Qualified
Specific optical rotation	-4+ to +7	+4.8	Qualified
Appearance of solution	Clear and colourless	Qualified	Qualified
Conductivity	Not more than 20 μ S.cm-1	8 μ S.cm-1	Qualified
Reducing Sugar, ω %	\leq 0.2%	0.03%	Qualified
Related products	Any Impurity:<2.0% Total Impurities:<3.0% Disregard impurity:<0.1%	0.8% 1.6% Qualified	Qualified Qualified Qualified
Lead	\leq 0.5 ppm	Qualified	Qualified
Nickel	\leq 1 ppm	Qualified	Qualified
Water	\leq 1.5%	0.5%	Qualified
Sorbitol Assay, ω %	97.0%-102.0%	99.8%	Qualified
Microbial contamination			



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Aerobic	≤ 100 CFU per g	Qualified	Qualified
Molds and yeasts	≤ 100 CFU per g	Qualified	Qualified
Escherichia coli	Negative	Not detected	Qualified
Bacterial endotoxins	≤ 2.5 IU per g	Qualified	Qualified
Salmonella	Negative	Not detected	Qualified
Conclusion	The sorbitol powder product meets requirement of: BP2019		
Remarks	This report only applies to the batch of cargo		

Tested by: Meng Cheng

Approved: Yun Li