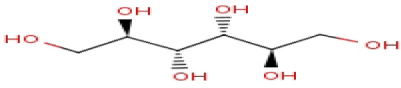


CERTIFICATE OF ANALYSIS

Product name	Mannitol, BP2007
CAS Number	69-65-8
Molecule Structure	
Molecule Formula	C6H14O6
Batch number	H361210023
Manuf. Date&Exp. Date	2013-06-06, 2016-06-05
Testing date	2013-06-06

Items	Result
Appearance	A white or almost white powder or free-flowing granules
Solubility	Slightly in alcohol, easily in water
Identification	See below of attachment
Conductivity	Not more than 20 μ S • cm ⁻¹
Clarity	<1# CLARITY SOLUTION
Color of solution	Clear and colorless
Particle size	100%<150MICRONS
Microbial count total	50cfu/g max
Pathogens	Negative
Lead	0.04 mg/kg max
Assay	99.76%
Melting point	168.80°C
Nickel	0.1mg/kg max
Alkalinity	0.3ml max
Acidity	0.2 ml max
Loss on drying	0.026%
Sulphated ash	0.021%
Specific rotation	23.8°
Sorbitol	Negative
Conclusion	Complies with standard of BP2007