

# Certificate of Analysis

SUPPLIER:	JK BIO-CHEM CO.,LTD		
PRODUCT:	MANNITOL		
BATCH NO.:	140112	DATE:	JAN, 2014
QUANTITY:	2000KGS	MANUFACTURING DATE:	JAN, 2014
		EXPIRY DATE:	JAN, 2016

ITEM	STANDARD	RESULTS
Appearance	White crystal powder	White crystal powder
Identification	Conformed to the standard	Eligibility
Acidity	Conformed	Eligibility
Melting point °C	166-170	166.7
Solution clarification	Conformed	Eligibility
Chloride%	≤0.003	<0.003
Sulphate%	≤0.01	<0.01
Oxalate %	≤0.02	<0.02
Loss on drying	≤0.5%	0.50%
Residue on ignition	≤0.1%	0.06%
Heavy metals	≤10mg/kg	<10mg/kg
Arsenic	≤2.0mg/kg	<2.0mg/kg
Assay	98.0-102.0%	99.73%

**FINAL RESULT: THIS BATCH IS CONFORMING TO THE STANDARD OF BP/USP**

INSPECTOR: 吴彬

QUALITY CONTROL SECTION: 王晓红

**JK BIO-CHEM CO., LTD**

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