

Certificate of Analysis

SUPPLIER:	JK BIO-CHEM CO.,LTD		
PRODUCT:	LACTIC ACID 80% EXCELLENT GRADE FCC VII		
BATCH NO.:	L1312201436	DATE:	DEC 20, 2013
QUANTITY:	23000KGS	MANUFACTURING DATE:	DEC 20, 2013
HS CODE:	2918 1100 00	EXPIRY DATE:	DEC 20, 2015
Description:	It is produced by fermentation, is colorless, syrupy and hygroscopic liquid with slightly acid odor.		
Molecular formula:	CH ₃ CHOHCOOH		
Molecular weight:	90.08		

ITEM	STANDARD	RESULTS
Assay	80% Min	80.24%
Fresh color	Max 40apha	20apha
Citrate, Oxalate, Phosphate or Tartrate	Pass test	Pass test
Stereochemical purity	Min 95%	98.8%
Iron	Max 10 mg/kg	<0.51 mg/kg
Chloride	Max 0.1%	0.03%
Sulphate	Max 0.25%	0.1%
Sulphated ash	Max 0.05%	0.04%
Cyanide	Max 5 mg/kg	<0.3 mg/kg
Lead	Max 0.5 mg/kg	<0.3 mg/kg
Arsenic	Max 3 mg/kg	3 mg/kg
Residue on ignition	Max 0.05%	0.03%
Sugars	Pass test	Pass test
Sulfate	Max 0.25%	<0.11%

FINAL RESULT: THIS BATCH IS CONFORMING TO THE STANDARD OF FCC VII

INSPECTOR: 吴彬

QUALITY CONTROL SECTION: 王晓红

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