



HENAN JINDAN LACTIC ACID TECHNOLOGY CO., LTD  
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### CERTIFICATE OF ANALYSIS

Product name: Potassium Lactate Food Grade

Batch no.: P1504130405

Manufacturing date: Apr. 13, 2015

Expiry date: Apr. 12, 2017

Product name	L-Potassium Lactate 60%	
Chemical name	Potassium L-2-hydroxypropanoate	
CAS number	85895-78-9 (general 996-31-6)	
EU food additives number	E326	
Description	Colorless to slightly yellowish viscous liquid, it has a mild saline taste, odorless or with a slight, characteristic odor	
Molecular formula	$C_3H_5KO_3$	
Molecular weight	128.17	
Item	Specification	Test results
Stereo chemical purity	Min 95%	>95%
pH (20% fresh aqueous solution)	6.0-8.0	7.0
Colour, fresh	Max 50Apha	30Apha
Assay	Min 60.0%	60.1%
Acid Value	<0.2ml	<0.2ml
Chloride	Max 50ppm	<50ppm
Sulphate	Max 50ppm	<50ppm
Sodium	Max 0.1%	<0.1%
Heavy metals	Max 10ppm	<10ppm
Lead	Max 2ppm	<2ppm
Arsenic	Max 3ppm	<3ppm
Mercury	Max 1ppm	<1ppm
Cyanide	Max 0.5ppm	<0.5ppm
Methanol and Methyl Esters	Max 0.025%	<0.025%
Citrate, oxalate, phosphate, or tartrate	Passes FCC test	Passes test
Reducing substances (sugars)	Passes FCC test	Passes test

河南金丹乳酸科技股份有限公司  
HENAN JINDAN LACTIC ACID TECHNOLOGY CO., LTD.

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