

CERTIFICATE OF ANALYSIS

DATE: JAN, 15, 2016

MANUFACTURE: HENAN JINDAN LACTIC ACID TECHNOLOGY CO., LTD

BUYER: * * * * *

INVOICE NO.: JD151161

GOODS: LACTIC ACID 90% FOOD GRADE HEAT STABLE

QUANTITY: 18MT

MANUFACTURING DATE: DEC.30, 2015

BATCH NO: L1512301522

EXPIRY DATE: DEC.29, 2017

THE RESULT OF INSPECT:

Items	Specifications	Results
Stereo Chemical Purity (L+ Isomer)	Min 97%	>97%
Assay	Min 90.0%	90.5%
Color	Max 50Apha	25Apha
Sulphates	Max 10ppm	<10ppm
Chlorides	Max 10ppm	<10ppm
Sulphated ash	Max 0.05%	0.01%
Iron	Max 10ppm	<10ppm
Total heavy metals	Max 10ppm	<10ppm
Lead	Max 0.5ppm	<0.5ppm
Arsenic	Max 1ppm	<1ppm
Mercury	Max 1ppm	<1ppm
Cadmium	Max 1ppm	<1ppm
Cyanide	Max 1ppm	<1ppm
Limit of Citric, Oxalic, Phosphoric and Tartaric Acid	passes FCC test	Passes test
Reducing sugars	passes FCC test	Passes test
Readily carbonizable substances	Passes USP test	Passes test
Methanol	passes test	Passes test
Volatile fatty acid	passes test	Passes test

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

张明

Factory Add: NO.8 JINDAN AVENUE,DANCHENG COUNTY,HENAN,CHINA, 477150