

**HENAN JINDAN LACTIC ACID TECHNOLOGY CO.,LTD**

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CERTIFICATE OF ANALYSISDATE: Apr. 29th, 2023

PO NO.	BL/2974	INV NO.	JD230828
MANUFACTURER	HENAN JINDAN LACTIC ACID TECHNOLOGY CO., LTD	QUANTITY	40MT
PRODUCT	LACTIC ACID 80% FOOD GRADE	BATCH NO	L2304280913
MANUFACTURING DATE	Apr. 28 th , 2023	EXPIRY DATE	Apr. 27 th , 2025

THE RESULT OF INSPECTION:

Product name	Lactic acid 80% Food Grade	
Chemical name	L-2-hydroxy- propanoic acid	
CAS Number	79-33-4	
EU food additive number	E270	
Description	It is produced by fermentation, is yellowish, syrupy and hygroscopic liquid with slightly acid odor.	
Chemical formula	C ₃ H ₆ O ₃	
Molecular formula	CH ₃ CHOHCOOH	
Molecular weight	90.08	
CONTENT	SPECIFICATIONS	TEST RESULT
Assay	Min 80.0%	80.1%
Fresh color	50 - 100apha	70apha
Stereo chemical purity	Min 95%	95%
Density	1.18-1.20 g/cm ³ at 20 °C	1.19 g/cm ³
Chloride	Max 20ppm	< 20 ppm
Cyanide	Max 5 ppm	< 5 ppm
Iron	Max 10 ppm	< 10 ppm
Heavy Metals	Max 10 ppm	< 10 ppm
Arsenic	Max 3 ppm	< 3 ppm
Lead	Max 2 ppm	< 0.5 ppm
Sulfate	Max 50 ppm	< 50 ppm
Sulfate ash	Max 0.1%	< 0.1%
Mercury	Max 1 ppm	< 1 ppm
Citrate, Oxalate, Phosphate, or Tartrate	Passes FCC test	Passed FCC test
Reducing sugars	Passes FCC test	Passed FCC test

1ppm = 1mg/kg = 0.0001%

This is to certify the product has been inspected and found to comply with the A/M specs and
GMO free.

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

Issued by

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