

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

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CERTIFICATE OF ANALYSIS

DATE: MAY. 17, 2023

MANUFACTURER	HENAN JINDAN LACTIC ACID TECHNOLOGY CO., LTD	QUANTITY	24MT
PRODUCT	LACTIC ACID 85% EXCELLENT GRADE	BATCH NO	L2305170653
MANUFACTURE DATE	MAY. 17, 2023	EXPIRY DATE	MAY. 16, 2025

THE RESULT OF INSPECTION:

Product name	Lactic Acid 85% Excellent 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 clear, 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
Stereochemical purity(L-isomer)	Min 97%	98.3%
Content	Min 85%	85.4%
Color, fresh	Max 50Apha	< 25Apha
Color, 6 months	Max 50Apha	< 50Apha
Sulfate	Max 10ppm	<10ppm
Chloride	Max 10ppm	< 10ppm
Sulfated ash	Max 0.05%	< 0.04%
Iron	Max 10ppm	< 10ppm
Total heavy metals	Max 10ppm	< 10ppm
Lead	Max 0.5ppm	< 0.5ppm
Arsenic	Max 1ppm	< 1ppm
Mercury	Max 1ppm	< 1ppm
Cyanide	Max 1ppm	< 1ppm
Limit of citric, oxalic, phosphoric and tartaric acid	Passes FCC test	Passed FCC test
Reducing sugars	Passes FCC test	Passed FCC test

*** 1ppm = 1mg/kg = 0.0001%

*** Sulfated ash = Residue on ignition

Storage Condition:

Keep well closed in its original packing in a cool & dry place.

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

Factory Add: No. 08 Jindan Avenue,Dancheng, Henan, China