

Jiangsu Khonor Chemicals Co., Limited

CERTIFICATE OF ANALYSIS

PRODUCT	SODIUM LACTATE 60% FOOD GRADE	QUANTITY	19MT
REPORT DATE	MAR. 15, 2025	BATCH NO	25031501
MANUFACTURE DATE	MAR. 15, 2025	EXPIRY DATE	MAR. 14, 2027

THE RESULT OF INSPECTION:

Product code	SL60	
Product name	Sodium Lactate 60%	
Chemical name	Sodium-L-Lactate, Sodium (S)-Lactate, Sodium (S)-2-hydroxypropanoate, (S)-2-hydroxy propanoic acid, sodium salt	
CAS number	867-56-1,72-17-3 (general CAS number)	
EC Number	212-762-3	
EU food additives number	E325	
Description	Slightly yellowish to colorless viscous liquid, it has a mild saline taste, or with a slight, agreeable odor	
Molecular formula	CH ₃ CHOHCOONa	
Molecular weight	112.06	
CONTENT	SPECIFICATIONS	TEST RESULT
Density (at 20° C)	1.32-1.34/g/mL	1.325/mL
pH (20% fresh aqueous solution)	6.5-7.5	7.0
Colour, fresh	Max 50Apha	25Apha
Stereochemical purity (L- isomer)	Min 97%	98.3%
Sodium lactate content	Min 60.0%	60.3%
Acidity	Max 0.5%	< 0.5%
Chloride	Max 50ppm	< 50ppm
Sulphate	Max 20ppm	< 20ppm
Total 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 test	Passes test
Reducing substances (sugars)	Passes test	Passes test

Remarks:

1.) 1ppm = 1mg/kg = 0.0001%

Analyst : Qing Wang

Approver : Guangsheng Xu