



JIANGSU KHONOR CHEMICALS CO., LIMITED

CERTIFICATE OF ANALYSIS

NAME	Ferrous Lactate	QUANTITY	20MT
MFG. DATE	Apr. 15, 2025	BATCH NO.	250415A
EXP. DATE	Apr. 14, 2027	APPLICATION	FOOD

Name of Index	STANDARD	Test result
Appearance	Light green to pale yellow powder	Conforms
Identification	Positive for Fe^{2+} and lactate	Positive
Assay (as Fe^{2+})	% 18.0 - 22.0	20.1
pH (1% solution)	5.0 - 7.0	6.1
Loss on Drying	$\leq\%$ 5.0	2.8
Water Insoluble	$\leq\%$ 0.1	0.05
Chloride (Cl^-)	$\leq\%$ 0.1	0.02
Sulfate (SO_4^{2-})	$\leq\%$ 0.1	0.03
Heavy metals (as Pb)	$\leq\text{ppm}$ 10	5
Arsenic (As)	$\leq\text{ppm}$ 2	<1
Mercury (Hg)	$\leq\text{ppm}$ 1	<0.1
Cadmium (Cd)	$\leq\text{ppm}$ 1	<0.1
Total Plate Count	$\leq \text{CFU/g}$ 1000	120
Yeast & Mold	$\leq \text{CFU/g}$ 100	20
E. coli	Negative	Negative
Salmonella	Negative	Negative

ANALYST: Xiao Shan

APPROVER: Liang Mu