



JIANGSU KHONOR CHEMICALS CO., LIMITED

CERTIFICATE OF ANALYSIS

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

Test Item	Specification	Test result
Appearance	White to off-white crystalline powder	Conforms
Odor & Taste	Characteristic	Conforms
Identification	HPLC / IR Spectrum Consistent	Conforms
Assay $\geq\%$	98.0	98.3
Solubility	Slightly soluble in ethanol	Conforms
Loss on Drying $\leq\%$	2	1.2
Residue on Ignition (Ash) $\leq\%$	2	0.9
pH (1% solution)	5.0-7.0	6.2
Heavy Metals $\leq\text{ppm}$	10	10
Lead (Pb) $\leq\text{ppm}$	3	1
Arsenic (As) $\leq\text{ppm}$	2	1
Cadmium (Cd) $\leq\text{ppm}$	1	0.5
Mercury (Hg) $\leq\text{ppm}$	0.1	0.05
Total Plate Count $\leq\text{cfu/g}$	1000	100
Yeast & Mold $\leq\text{cfu/g}$	100	10
E. coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus aureus	Negative	Negative

ANALYST: Zhang Wang

APPROVER: Wu Yuan