



JIANGSU KHONOR CHEMICALS CO., LIMITED

CERTIFICATE OF ANALYSIS

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

Test Item	Specification	Test result
Appearance	Yellow to light brown crystalline powder	Complies
Odor & Taste	Characteristic	Complies
Identification	Positive by HPLC / IR / UV	Complies
Genistein Content $\geq\%$	98	98.3
Loss on Drying $\leq\%$	5	2.8
Ash $\leq\%$	1	0.5
Heavy Metals $\leq\text{ppm}$	10	4
Lead (Pb) $\leq\text{ppm}$	2	0.9
Arsenic (As) $\leq\text{ppm}$	1	0.1
Mercury (Hg) $\leq\text{ppm}$	0.1	0.05
Cadmium (Cd) $\leq\text{ppm}$	1	0.05
Residual Solvents	Comply with USP / EP limits	Complies
Total Plate Count $\leq\text{cfu/g}$	1000	150
Yeast & Mold $\leq\text{cfu/g}$	100	12
E. coli	Negative	Negative
Salmonella	Negative	Negative

ANALYST: Zhang Wang

APPROVER: Wu Tian