

CERTIFICATE OF ANALYSIS

Product Name:	Kudzu Root Extract	Country of Origin:	China
Botanical Name:	<i>Pueraria lobata</i>	Batch Number:	KHGG221216
Plant Part Used:	Root	Manufacture Date:	Dec. 16, 2022
Quantity:	1000kg	Expiry Date:	Dec. 15, 2025

ITEM	SPECIFICATION	RESULTS	TESTING METHOD
PHYSICAL CONTROL			
Assay	Total isoflavone $\geq 40.0\%$	42.75%	HPLC
Appearance	Yellow Brown Fine Powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Sulphated Ash	$\leq 5.0\%$	4.87%	USP
Loss on drying	$\leq 5.0\%$	3.13%	USP
Sieve Analysis	95% pass 80 mesh	Complies	80 mesh screen
CHEMICAL CONTROL			
Heavy Metals	$\leq 10\text{ppm}$	Complies	USP
Arsenic(As)	$\leq 2\text{ ppm}$	Complies	ICP-MS
Lead(Pb)	$\leq 2\text{ ppm}$	Complies	ICP-MS
Cadmium(Cd)	$\leq 1\text{ ppm}$	Complies	ICP-MS
Mercury(Hg)	$\leq 0.5\text{ ppm}$	Complies	ICP-MS
MICROBIOLOGY CONTROL			
Total Plate Count	$\leq 1000\text{ cfu/g}$	Complies	CP2015
Yeast & Mold	$\leq 100\text{ cfu/g}$	Complies	CP2015
E.Coli	Negative	Complies	CP2015
Salmonella	Negative	Complies	CP2015

CONCLUSION	Conform with specification
Storage	Stored in dry and cool place, keep away from strong light and heat.
Packing	25kg/barrel, double plastic-bag inside, fiber drum outside,
Shelf life	Three years when properly stored

Zhou Xiaodan

Quality Assurance Officer



Lu Jun

Quality Control