



CERTIFICATE OF ANALYSIS

Product name:	White Kidney Extract	Plant Source	Phaseolus coccineus L.
Used part:	Bean	Manu. Date:	Feb.,24,2019
Batch Number:	UN-F-JLS190224	Expiration Date:	Feb.,23,2021
Batch Size	2000KGS	Report Date	Feb.,26,2019

Item	Specification	Results	Methods
Phaseollin	$\geq 1\%$	1.21%	HPLC
Appearance & Color	Off White powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
Solubility	Soluble in Water	Conforms	CP2015
Bulk Density	0.4-0.6g/ml	0.51g/ml	CP2015
Mesh Size	80 mesh	100% passed	CP2015
Loss on Drying	$\leq 5.0\%$	3.41%	CP2015((105 °C, 2 h))
Ash Content	$\leq 5.0\%$	2.72%	CP2015
Heavy Metals			
Total Heavy Metals	$\leq 10\text{ppm}$	3ppm	AAS/ICP-MS
Arsenic (As)	$\leq 1.0\text{ppm}$	0.11ppm	AAS/ICP-MS
Lead (Pb)	$\leq 1.5\text{ppm}$	0.62ppm	AAS/ICP-MS
Cadmium	$< 1\text{mg/kg}$	Not Detected	AAS/ICP-MS
Mercury	$\leq 0.3\text{ppm}$	Not Detected	AAS/ICP-MS
Microbiology			
Total Plate Count	$\leq 1000\text{cfu/g}$	< 100	USP
Total Yeast & Mold	$\leq 25\text{cfu/g}$	< 10	USP
E. Coli	$\leq 40\text{MPN/100g}$	Not Detected	USP
Salmonella	Negative in 25g	Not Detected	USP
Staphylococcus	Negative in 10g	Not Detected	USP

Conclusion	Conform with specification
Storage	Store in cool & dry place, keep away from strong light and heat
Shelf life	2 years when properly stored

QC : ZHAO TING



QA : HOU XUEHUI