

CERTIFICATE OF ANALYSIS

Product Name	White kidney bean Extract	Manufacture Date	2021/05/04
Botanical Latin Name	<i>Phaseolus vulgaris</i> Linn.	Expire Date	2023/05/03
Plant Part	Seed	Batch Number	20210504
Extract Solvent	Water	Batch Quantity	300kg

Item	Specification	Result	Test Method
Physical&Chemical Control			
Appearance	Off white fine powder	Conforms	Visual
Odor&Taste	Characteristic	Conforms	Organoleptic
Assay	Phaseolamine \geq 1%	1.15%	HPLC
Particle Size	98% pass 80 mesh	Conforms	80 Mesh Screen
Identification	Positive	Conforms	TLC
Loss on Drying	\leq 5.0%	3.97%	CP2015
Residue on Ignition	\leq 5.0%	2.66%	CP2015
Bulk Density	0.4-0.6g/ml	Conforms	CP2015
Heavy Metals			
Heavy Metals	NMT10ppm	<10ppm	Atomic Absorption
Lead(Pb)	NMT3ppm	<3ppm	Atomic Absorption
Arsenic (As)	NMT2ppm	<2ppm	Atomic Absorption
Mercury(Hg)	NMT0.1ppm	<0.1ppm	Atomic Absorption
Cadmium(Cd)	NMT1ppm	<1ppm	Atomic Absorption
Microbiology Control			
Total Plate Count	NMT1,000cfu/g	Conforms	CP2015
Total Yeast & Mold	NMT100cfu/g	Conforms	CP2015
E.coli	Negative	Conforms	CP2015
Salmonella	Negative	Conforms	CP2015
Staphylococcus	Negative	Conforms	CP2015
General Status	Non-GMO,Allergen Free,Non-Irradiation.		
Packaging&Storage	Packed in paper-drums and two plastic-bags inside,25kg/Drum. Keep in cool & dry place. Stay away from strong light and heat.		
Conclusion	Qualified		