

CERTIFICATE OF ANALYSIS

Product Name:	Bitter Melon Extract	Country of Origin:	China
Botanical Name:	<i>Momordica charantia L.</i>	Batch Number:	KHKG230131
Plant Part Used:	Fruit	Manufacture Date:	Jan. 31, 2023
Quantity:	500kg	Expiry Date:	Jan. 30, 2026

ITEM	SPECIFICATION	RESULTS	TESTING METHOD
PHYSICAL CONTROL			
Assay	Charantin $\geq 10.0\%$	10.23%	UV
Extract ratio	20:1	Complies	TLC
Appearance	Yellow Brown Fine Powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Sulphated Ash	$\leq 10.0\%$	9.89%	USP
Loss on drying	$\leq 10.0\%$	6.51%	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	$\leq 10000 \text{ cfu/g}$	Complies	CP2015
Yeast & Mold	$\leq 300 \text{ cfu/g}$	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