

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Bitter Melon Powder		
<b>Botanical Name</b>	<i>Balsam pear</i>		
<b>Part Used</b>	Fruit		
<b>Appearance</b>	Brown-green Powder		
<b>Solvent Used</b>	Water		
<b>Batch Number</b>	20221021	<b>Manufacture Date</b>	20221021
<b>Report Date</b>	20221021	<b>Expiry Date</b>	20241020

Item of Analysis	Specification	Results	Test Methods
Loss on drying	8%NMT (%)	4.1%	5g/105C/5hrs
Total ash	5%NMT (%)	2.8%	5g/105C/5hrs
Residue of Solvents	None	Conform	NLS-QCS-1007
Heavy Metals	10ppm Max	2.3ppm	Atomic Absorption
Lead (Pb)	2ppm NMT	0.55 ppm	Atomic Absorption
Arsenic (As)	2ppm NMT	0.28 ppm	Atomic Absorption
Cadmium (Cd)	2ppm NMT	0.39 ppm	Atomic Absorption
Mercury (Hg)	1ppm NMT	0.42 ppm	Atomic Absorption
Pesticide Residues	1ppm NMT	0.36 ppm	Gas Chromatography
Total Plate Count	3000cfu/g Max	106cfu/g Max	AOAC
Yeast & Mold	1000cfu/g Max	85cfu/g Max	AOAC
E. Coli.	Negative	Conform	AOAC
Salmonella	Negative	Conform	AOAC
Staphylococcus	Negative	Conform	AOAC

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

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