



Certificate of Analysis

Product Name	Mango Leaf Extract	CAS NO	4773-96-0
Lot No.	KT-20240624	Batch Quantity	474kg
Mfg Date	2024/06/24	Report Date	2024/07/23
Extraction Solvent	Water/Ethyl alcohol	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specification	Results	Test Method
Assay	Mangiferin $\geq 95\%$	95.16%	HPLC
Identification	Positive	Complied	TLC
Physical and chemical properties			
Appearance	Yellow powder	Complies	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Particle Size	$\geq 98\%$ Through 80 mesh	Conforms	Ch.P.C.Rule47
Ash	$\leq 2.0\%$	0.20%	Ch.P.C.Rule2302
Loss on drying	$\leq 5.0\%$	0.62%	Ch.P.C.Rule52
Heavy Metals	$\leq 10.0\text{ppm}$	Conforms	Atomic Absorption
Cadmium(Cd)	$\leq 2.0\text{ppm}$	Conforms	Atomic Absorption
Mercury(Hg)	$\leq 1.0\text{ppm}$	Conforms	Atomic Absorption
Arsenic(As)	$\leq 1.0\text{ppm}$	Conforms	Atomic Absorption
Lead(Pb)	$\leq 2.0\text{ppm}$	Conforms	Atomic Absorption
Residual Solvents			
- Ethanol	$\leq 1000\text{ PPM}$	Conforms	Gas Chromatography
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	$\leq 1000\text{ CFU/g}$	Conforms	Ch.P.C.Rule80
Mold and yeast Count,cfu/g	$\leq 100\text{ CFU/g}$	Conforms	Ch.P.C.Rule80
E. coli	Negative	Conforms	Ch.P.C.Rule80
Salmonella	Negative	Conforms	Ch.P.C.Rule80
Staphylococcus aureus	Negative	Conforms	Ch.P.C.Rule80
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place.			
*Shelf life: 2 Years When Stored properly			
*Safety Precaution: Wearing of protective goggles or safety glasses is recommended.If accidentally instilled into the eyes,immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.			
Conclusion	Confirm to Specification and Standards.		

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