



Certificate of Analysis

Product Name	Naringin Powder	Botanical Source	Grapefruit
Lot No.	KT-20250625	Batch Quantity	2100 kg
Mfg Date	2025/06/25	Report Date	2025/06/29
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 of naringin	≥98%	98.2%	HPLC
Identification	Positive	Complied	TLC
Physical and chemical properties			
Appearance	White powder	Complies	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Particle Size	≥98% Through 80 mesh	Conforms	Ch.P.C.Rule47
Loss on drying	≤5.0%	4.3%	Ch.P.C.Rule52
Ash	≤5.0%	2.8%	CP2015Appendix IX K
Heavy Metals	≤10.0ppm	Conforms	Atomic Absorption
Cadmium(Cd)	≤1.0ppm	Conforms	Atomic Absorption
Mercury(Hg)	≤0.1ppm	Conforms	Atomic Absorption
Arsenic(As)	≤1.0ppm	Conforms	Atomic Absorption
Lead(Pb)	≤2.0ppm	Conforms	Atomic Absorption
Residual Solvents			
- Ethanol	≤1000 PPM	Conforms	Gas Chromatography
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1000 CFU/g	Conforms	Ch.P.C.Rule80
Mold and yeast Count,cfu/g	≤ 100 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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