

桂林市雅米生物科技有限责任公司

Certificate of Analysis

Product Name:	Pomelo P.E.	Manufacture Date:	Mar. 04, 2021.
Botanic Name:	Citrus grandis	Analysis Date:	Mar. 05, 2021.
Lot No.:	NAG98-210222	Shelf Life:	3 years.
Quantity:	1000kgs	Expire Date:	Mar. 03, 2024.
Origin:	P.R. China.	Cultivated Or Wild:	Cultivated

Analysis Item	Specification	Result	Method
Naringin	≥98.0%	98.26%	HPLC

1. Manufacture Profile:

Plant Part Used	Fruit	Complies	Visual
Solvents And % Used	Water& Ethanol	Complies	Routine Analysis
% Range Excipients/Carriers	None	Complies	GMP standard
Ration/Herb/Native Extract	30:1	Complies	GMP standard
Extraction Process	Ethanol Extraction	Complies	/
Dry Fashion	Spray drying	Complies	/

2. Organoleptic Profile:

Appearance	Light Brown-yellow Powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Visual

3. Physical Profile:

Identification	HPLC Print	Complies	HPLC
Identification-Compares to Type	Positive	Complies	HPLC
Particle Size	99% through 80 mesh	Complies	US mesh Sieve meter
Solubility	Partial Solubility in Water	Complies	Visual

4. Chemical Analytical Profile:

Loss on drying	≤5.0%	2.34%	CP2015 & USP35<731>
Total Ash	≤5.0%	1.55%	CP2015 & USP35<281>
Heavy Metals	≤10.0ppm	Complies	CP2015 & USP35<231>
Arsenic (As)	≤2.0ppm	Complies	CP2015 & USP35<211>
Lead (Pb)	≤2.0ppm	Complies	CP2015 & USP35<251>
Cadmium(Cd)	≤0.5ppm	Complies	CP2015 & USP35<251>
Mercury (Hg)	≤0.5ppm	Complies	CP2015 & USP35<261>
Pesticides	USP standard	Complies	CP2015 & USP35<561>
Solvent Residual	≤0.05%	Complies	CP2015 & USP35<467>

5. Microbiological Test:

Standard Plate Count	≤1000cfu/g	Complies	CP2015 & USP35<62>
Yeast & Mold	≤100cfu/g	Complies	CP2010 & USP35<62>
Staphylococcus	Negative	Complies	CP2010 & USP35<62>
E. Coli.	Negative	Complies	CP2010 & USP35<62>
Salmonella	Negative	Complies	CP2010 & USP35<62>

Packing: N.W. 25kgs/fiber drum and two plastic bags inside. Drum size I.D. 40cm x H60cm.

Storage: Store in well-closed container at room temperature, protect from light, moisture and pest infestation.

Sterilization Method: High-temperature sterilization, non-irradiated.

Conclusion: Conform with Specification.

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