

CERTIFICATE OF ANALYSIS

Product Name	Citrus Aurantium
Botanical Name	Citrus aurantium L.
Part Used	Fruit
Batch Quantity	1150 kg
Manufacture Date	2024/11/05
Expiry Date	2027/11/04
Issue Date	2024/11/06
Batch Number	C20241105
Shelf Life	3 years

Physical & Chemical Data

Analysis Item	Specification	Result
Appearance	Brown yellow fine powder	Conforms
Odor & Taste	Characteristic	Conforms
Identification	Positive	Conforms
Assay (Bioflavonoids)	≥35%	35.15%
Particle Size	95% pass 80 mesh	Conforms
Loss on Drying	≤5.0%	3.24%
Residue on Ignition	≤10.0%	4.39%
Bulk Density	0.3–0.6 g/mL	Conforms
Tapped Density	0.5–0.9 g/mL	Conforms

Heavy Metals

Analysis Item	Specification	Result
Heavy Metals	NMT 10 ppm	<10 ppm
Lead (Pb)	NMT 3 ppm	Conforms
Arsenic (As)	NMT 2 ppm	Conforms
Mercury (Hg)	NMT 0.1 ppm	Conforms
Cadmium (Cd)	NMT 1 ppm	Conforms

Microbiological

Analysis Item	Specification	Result
Total Plate Count	NMT 10,000 cfu/g	<1,000 cfu/g
Total Yeast & Mold	NMT 1,000 cfu/g	<100 cfu/g
E. coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

General Status

Item	Status
Non-GMO	Yes
Allergen Free	Yes
Non-Irradiation	Yes

Packaging & Storage

Item	Details
Packaging	Packed in paper-drums and two food grade poly bags inside.
Storage	Store in a well closed place with constant low temperature and no direct sunlight.