

CERTIFICATE OF ANALYSIS

Product Name	Freeze-Dried Lemon Powder		
Batch Number	20211109	Manufacture Date	20211109
Used part	Fruit		
Drying methods	Freeze drying		
Report Date	20211109	Expiry Date	20231108

Item of Analysis	Specification	Results	Test Methods
Organoleptic			
Appearance	Powder	Conforms	Organoleptic
Color	Off-white powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
Physical Characteristics			
Particle Size	100% pass 60 mesh	60MESH	CP2010
Loss on drying	10%NMT (%)	3.60%	USP<731>
Total ash	5%NMT (%)	0.94%	USP<561>
Bulk Density	45-60g/100mL	49g/100mL	CP2010IA
Residue of Solvents	None	Conform	NLS-QCS-1007
Heavy Metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	Conform	ICP-MS
Arsenic (As)	2ppm NMT	Conform	ICP-MS
Cadmium (Cd)	2ppm NMT	Conform	ICP-MS
Mercury (Hg)	0.5ppm NMT	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	10000cfu/g Max	Conform	USP<61>
Yeast & Mold	300cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

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.

