

CERTIFICATE OF ANALYSIS

Citrus aurantium extract

Batch Number: 031270240922

Manufacture Date: Sept 22, 2024

Best Used Before: Sept 21, 2027

General Information			
Part used	Fruit	Solvents used	Water
Latin Name	<i>Citrus aurantium L.</i>	Country of origin	China
Carrier	None	Concentration ratio	Synephrine \geq 50 %
Items	Specification	Methods	Results
Physical & chemical			
Color	Yellow brown	Organoleptic	Conform
Odor	Characteristic	Organoleptic	Conform
Appearance	Fine powder	Organoleptic	Conform
Analytical quality			
Identification	Identical to R.S. sample	HPTLC	Identical
Sieve analysis	100% through 80 mesh	Eur.Ph.<2.9.12>	Conform
Loss on drying	\leq 5.0%	Eur.Ph.<2.8.17>	3.02%
Total ash	\leq 10.0%	Eur.Ph.<2.4.16>	1.53%
Bulk density	40~60g/100mL	Eur.Ph.<2.9.34>	52g/100mL
Tap density	60~90g/100mL	Eur.Ph.<2.9.34>	70g/100mL
Synephrine	\geq 50.0%	HPLC	50.2%
Contaminants			
Lead (Pb)	\leq 3.0mg/kg	Eur.Ph.<2.2.58>ICP-MS	<1.0mg/kg
Arsenic (As)	\leq 2.0mg/kg	Eur.Ph.<2.2.58>ICP-MS	<1.0mg/kg
Cadmium (Cd)	\leq 1.0mg/kg	Eur.Ph.<2.2.58>ICP-MS	<0.1mg/kg
Mercury (Hg)	\leq 0.1mg/kg	Eur.Ph.<2.2.58>ICP-MS	<0.1mg/kg
Solvents residue	Meet Eur.Ph. Requirements	Eur.Ph.<2.4.24>	Conform
Pesticides residue	Meet Eur.Ph. Requirements	Eur.Ph.<2.8.13>	Conform
Non-Irradiation	\leq 700	EN13751:2002<PSL>	237
Microbiological			
Total plate count	\leq 1,000cfu/g	Eur.Ph. <2.6.12>	130cfu/g
Yeast & mold	\leq 100cfu/g	Eur.Ph. <2.6.12>	38cfu/g
E. Coli.	Negative in 10grams	Eur.Ph. <2.6.13>	Negative
Salmonella	Negative in 25grams	Eur.Ph. <2.6.13>	Negative

Conclusion: Qualified.

Net weight: 10.0kgs/Drum

Gross weight: 11.8kgs \pm 0.5kg/Drum

36 months under 30°C in a well-closed container and away from moisture, light, oxygen.

Packed in paper drum or carton with two plastic bags inside.