



TAMAQUA PA 18252

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CERTIFICATE OF ANALYSIS

IDENTIFICATION

Product Name: Citrus Aurantium (Bitter Orange) Powder
Botanical Name: Citrus Arantium/Aurantifolia
Origin: USA
Part Used: Fruit

ANALYSIS

<u>ANALYSIS</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>TEST</u>
Appearance	Powder	Powder	Visual
Identification	Positive	Conform	FTIR
Color	Yellowish-Cream	Yellow brown	Visual
Taste	Bitter	Bitter	Organoleptic
Odor	Characteristic	Citric	Organoleptic
Moisture	10.0% Max	8.8%	AOAC
Heavy Metals	<15ppm	<15ppm	ICP-MS
	(Pb)	≤3ppm	0.9ppm
	(As)	≤1ppm	0.5ppm
Mesh Size	100% through USS 60		

MICROBIOLOGICAL

Total Plate Count	≤100,000cfu/g	48,000cfu/g	AOAC
Yeast	≤1,000cfu/g	100cfu/g	FDA BAM
Mold	≤1,000cfu/g	100cfu/g	FDA BAM
Coliforms	≤100cfu/g	10cfu/g	AOAC
E. coli	Absent/10g	Absent/10g	USP <2021>
Salmonella	Negative/25g	Negative/25g	AOAC 998.09
Pesticides & Herbicides	Not Present	Not Present	USP Method

Storage:

Store in a tightly, sealed container in a cool and dry area.

Keep away from strong light and heat.

This product is Non-GMO.

This product is not treated with ETO, nor is it Gamma irradiated.