CERTIFICATE OF ANALYSIS

Product Name: **BLUEBERRY FRUIT POWDER**
Botanical Name: *Vaccinium angustifolium*
Part Used: Fruit
Lot#: 15787-1283

Manufacture Date: July 2025
Expiration Date: July 2027

ITEMS	SPECIFICATIONS	METHODS	TEST RESULTS
PHYSICAL & CHEMICAL DATA			
Color:	Light Blue Purple-Light Purple	Visual	Conforms
Odor:	Characteristic	Olfaction	Conforms
Appearance:	Powder	Visual	Conforms
Botanical Source:	*Vaccinium angustifolium*	HPTLC	Conforms
ANALYTICAL QUALITY			
Identification:	Positive	TLC Fingerprint	Identical
Mesh Size:	NLT 90% through 80 Mesh	USP30 <786>	Conforms
Loss on Drying:	NMT 8.0%	USP<731>	Conforms
Ash:	NMT 5.0%	USP<561>	Conforms
Solubility:	Insoluble		
CONTAMINANTS			
Lead (Pb):	NMT 2.0 ppm	ICP-MS	< 2.0 ppm
Arsenic (As):	NMT 2.0 ppm	ICP-MS	< 2.0 ppm
Cadmium (Cd):	NMT 1.0 ppm	ICP-MS	< 1.0 ppm
Mercury (Hg):	NMT 1.0 ppm	ICP-MS	< 1.0 ppm
MICROBIOLOGICAL DATA			
Total Plate Count:	NMT 100,000 cfu/g	USP36 <61>	< 100,000 cfu/g
Yeast & Mold:	NMT 10,000 cfu/g	USP36 <61>	< 10,000 cfu/g
Total Coliforms:	Negative	USP 36<61>	Negative
E. coli:	Negative	USP36<61>	Negative
Salmonella:	Negative	USP36 <61>	Negative
Staphylococcus:	Negative	USP36 <61>	Negative

Storage: Room temperature, sheltered from light, moisture and oxygen.
Shelf Life: 2 years/24 months if sealed and stored away from direct heat & sunlight.