



CERTIFICATE OF ANALYSIS

Product and Batch Information

Product Name:	Bromelain		
Batch No:	58055456	Manufacture Date	June 22, 2020
Plant Part:	Pineapple	Analysis Date	June 23, 2020
Analysis:	600KG	Report Date	June 24, 2020
Analysis Item	Specification	Result	Test Method

Active Ingredients

Assay	Activity of enzyme 2400 DGU /g min	Conforms	UV
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Physical Control

Identification	Positive	Conforms	TLC
Appearance	Yellow Powder	Conforms	Visual
Odor	Characteristic Smell of Pineapple	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Sieve Analysis	100% pass 80 mesh	Conforms	80 Mesh Screen
Moisture Content	NMT 10.0%	3,00%	USP XXIII

Chemical Control

Arsenic (As)	NMT 2ppm	Conforms	Atomic Absorption
Lead (Pb)	NMT 5ppm	Conforms	Atomic Absorption

Microbiological Control

Total Plate Count	<50000cfu/g	Conforms	FDA BAM 8th Ed.
Salmonella	None detected in 10g	Absent	FDA BAM 8th Ed.
Yeast & Mold	<100cfu/g	Conforms	FDA BAM 8th Ed.
Total Coliform	NMT 30cfu/g	Conforms	FDA BAM 8th Ed.

Packing and Storage

Packing	25kg/drum. Packing in paper drum and two plastic-bags inside.		
Storage	Store in a well-closed place with constant low temperature and no direct sun light.		
Shelf Life	3 years .		
Expiration Date	June 22, 2023		