

## Certificate Of Analysis

<b>Product Name:</b>	Bromelain	<b>Part Plant:</b>	Pineapple Stem
<b>Origin:</b>	China	<b>Manufacturer Date:</b>	Nov. 07, 2020
<b>Batch No.</b>	BLDBM20201107	<b>Expiry Date:</b>	Nov. 06, 2022
ITEMS OF ANALYSIS		SPECIFICATIONS	RESULTS
Appearance	Pale yellow powder	Conform	
Odor	Characteristic smell of Pineapple	Conform	
Mesh	98% pass 100mesh	Conform	
pH	5.0-8.0 pH(1% aqua)	Conform	
Activity of enzyme	≥2400 GDU/g	2410 GDU/g	
Loss on drying	≤5.0%	2.1%	
Loss on ignition	≤5.0%	2.3%	
Heavy metals (as Pb)	≤5.0mg/kg	<5.0mg/kg	
As	≤3.0mg/kg	<3.0mg/kg	
Microbiology			
Total Plate Count	<5,000cfu/g	83cfu/g	
Yeast and Mould	<100cfu/g	<100cfu/g	
E.Coli	Absent/g	Absent	
Staphylococcus Aureusb	Absent/g	Absent	
Salmonella	None detected in 10g	Absent	
<b>Storage</b>	STORED HUMIDITY PROTECTED (RH LESS THAN 60) AT TEMPERATURE BELOW 25°C		
<b>Shelf Life</b>	2 Years when Properly Stored		

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