



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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V2.01-2021

Certificate of Analysis

Product Information			
Product Name	Bromelain	Report Number	BML20201121
Botanical Name	Ananas comosus	Manufacture Date	2020/12/23
Used Part	Pineapple Stem	Analysis Date	2020/12/28
Batch Number	BRL201223	Report Date	2021/01/02
Batch Quantity	500Kg	Expiry Date	2023/12/22
Test Items	Specifications	Result	Test Methods
Active Ingredients			
Bromelain Activity	≥600GDU/g	652GDU/g	GDU method
Physical & Chemical Data			
Appearance	Off White or Light Yellow Powder	Conforms	Visual
Odor and Taste	Characteristic	Conforms	Organoleptic
Sieve analysis	90% through 80 mesh	Conforms	80 Mesh Screen
Loss on Drying	≤5.0 %	3.22%	105°C/2 hrs
Contaminants			
Lead (Pb)	<5.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<3.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.5mg/kg	Conforms	ICP-MS
Mercury (Hg)	<1.0mg/kg	Conforms	ICP-MS
Microbiological			
Total Aerobic Count	≤10000cfu/g	100cfu/g	GB 4789.2
Yeast & Moulds	≤100cfu/g	10cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
Conclusion			
Conclusion	To be complied with in-house Specification		
Shelf Life	2 years when properly stored.		
Storage	Store in cool & dry place, not freeze. Keep away from strong light.		

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娟

Checker: 李明

Approved:

