

Certificate of Analysis

Product Name	Bromelain (bromelain)
Catalog No.	V53251
Batch No.	V5325101

1. Physical and Chemical Properties

Appearance	Light yellow powder
Molecular Formula	
Molecular Weight	0
Purity	2410GDU/g
CAS No.	9001-00-7
Production Date	
Retest Date	2028-11-24

2. Analytical Data

Test Item	Specification	Result
Enzyme Activity	≥2400 GDU/g	2410 GDU/g
Odor	Characteristic pineapple odor	Complies
Particle Size Distribution	95% passing through 100 mesh	Complies
Residue on Ignition	≤5.0%	3.1%
Loss on Drying	≤5.0%	2.3%
Heavy Metals	≤30 mg/kg	<30 mg/kg
Heavy Metals (Lead)	≤2.0 mg/kg	<2.0 mg/kg
Heavy Metals (Arsenic)	≤2.0 mg/kg	<2.0 mg/kg
Total Plate Count	<10,000 cfu/g	3,000 cfu/g
Yeast & Mold	<100 cfu/g	Complies
Escherichia coli	<30 cfu/g	<30 cfu/g
Salmonella	Negative	Negative

3. Structure

Bromelain

4. Storage Condition

Storage Condition	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Products are for research use only • Not for human or veterinary use

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