

Digest Brom

Pineapple Extract Powder For Animals

Protein Digest Supplement



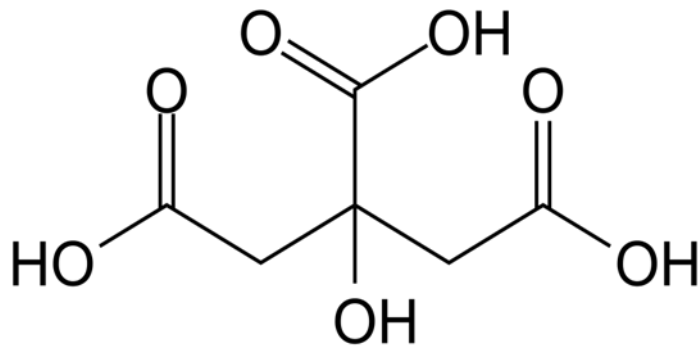
1 kg.



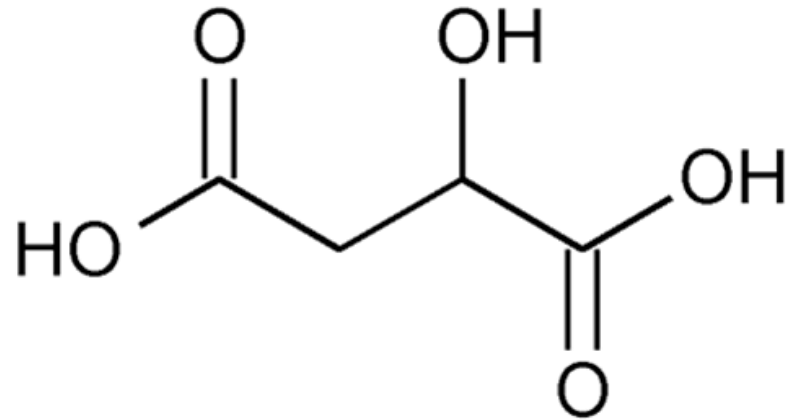
2 Kg.



COMPOSITIONS

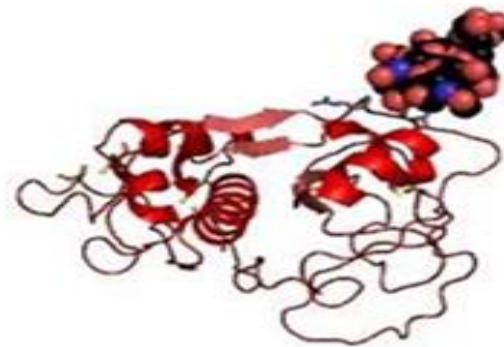


Citric Acid



Malic Acid

Bromelain Enzyme



Digest Brom

**Concentrated Pineapple Extract Product
Data Sheet**

Product Description :

Digest Brom is made from Concentrated Pineapple Extract, contains high quality of nutritions for animals.

Physical-Chemical Characteristic :

Moisture	w/w	Max	10 %
Citric Acid	w/w	Min	1.50 %
Malic Acid	w/w	Min	1.50 %
pH			4.50
Particle Size	sieve No.100 pass		100 %
Colours	brown powder		
Odor	Pineapple specification odor		

Microbiological Characteristics* :

Aerobic Plate count	<950 CFU/g
Coliform Bacteria	<25 MPN/g
E.coli	<3 MPN/g
Salmonella	Absent ./25g
Yeast & Molds	<120 CFU/g

Biochemical Characteristics :

Protease enzyme activity	10,000 Unit/Kg
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Packaging :

1 Kilograms in foil bag
20 Kilograms in multi walled papers bag
with polyethylene inner and big bags.

Inorganic Components

Lead	<0.2 ppm
Arsenic	<0.2 ppm
Cadmium	<0.2 ppm
Copper	<0.75 ppm
mercury	<0.2 ppm

Storage :

Store under cool, dry and pest free conditions.
Storage away from sunlight and moisture
is recommended.

Shelf Life :

12 months from production date.





Accreditation No. 1005/42



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Test Report

Report no.: 1904496-001-01
Client: YEAST MASTER CO.,LTD.
11/6 Moo 2, Phanom Sarakham, Phanom Sarakham, Chachoengsao 24120
Operation no.: 1904496-001
Sample description: Digest Brom (pineapple extract powder)
Sample condition: packed in 1 aluminum foil bag(s), normal condition
Date received: 8 July 2019
Date tested: 9 - 15 July 2019

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Test item(s)	Test method	Acc.	Unit	Result
Aerobic Plate Count	FDA-BAM <i>Online</i> , 2001 (Chapter 3)	DMSc	CFU/g	8.8×10^2
Coliform	FDA-BAM <i>Online</i> , 2017 (Chapter 4)	DMSc	MPN/g	23
<i>Escherichia coli</i>	FDA-BAM <i>Online</i> , 2017 (Chapter 4)	DMSc	MPN/g	< 3
<i>Salmonella</i> spp.	ISO 6579-1 : 2017	DMSc	/25 g	Not Detected
Yeasts and Molds	Compendium of Method for the Microbiological Examination of Foods (APHA), 2015, Chapter 21	DMSc	CFU/g	1.1×10^2
Moisture	AOAC (2016) 930.15	DMSc	g/100 g	9.13
pH	pH-meter	NA	-	4.34
Total Acidity as citric acid anhydrous	AOAC (2016) 942.15 (B)	NA	g/100 g	1.91
Total Acidity as malic acid	AOAC (2016) 942.15 (B)	NA	g/100 g	2.00

Remark : Acc. = ISO/IEC 17025 Accredited
NA = Non Accredited
< 3 = growth was not found

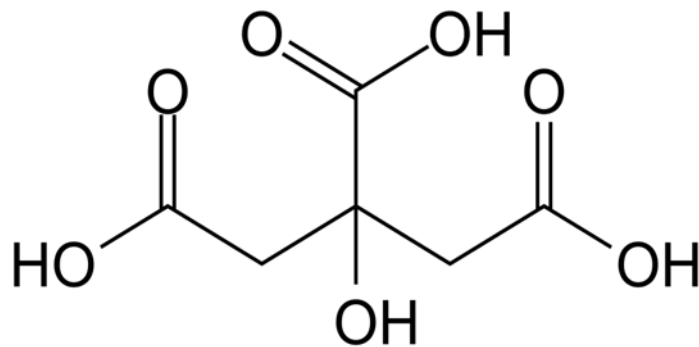
Approved by

Chotirot

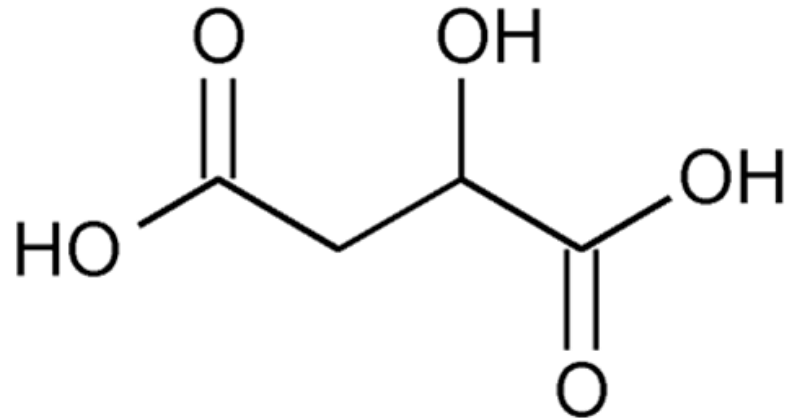
Miss Chotirot Khameraniya
Responsible for the Technical management
15 July 2019

ORGANIC ACID BENEFITS

- Reduce pH of GI Tract in animals , inhibit growth of pethogenic bacterias
- Increase efficacy of pepsin and protein digestion



Citric Acid



Malic Acid



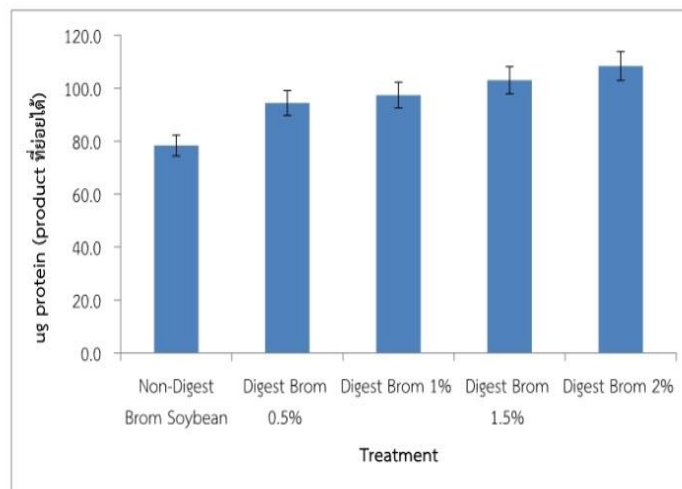
BROMELAIN ENZYME

- Increase efficacy of protein digestion of animal feed lead to increase feed utilization efficacy
- Reduce Inflammatory of GI Tract in animals

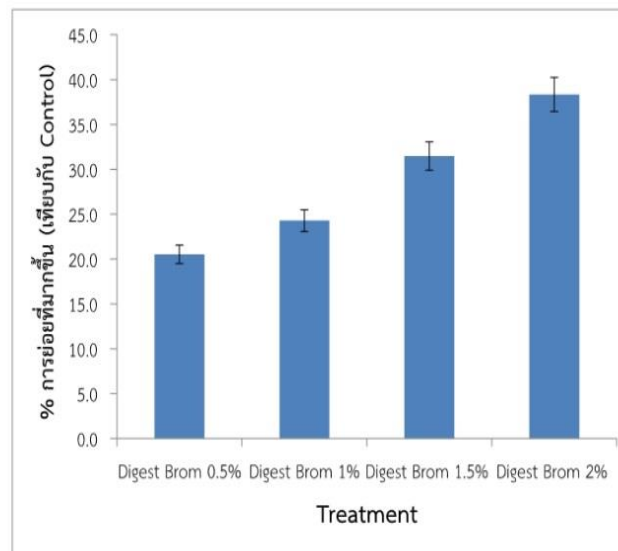
Bromelain Enzyme



Treatment	ug protein(product ที่ย่อยได้)	
	mean	SD
Non-Digest Brom Soybea	78.4	0.51
Digest Brom 0.5%	94.5	0.58
Digest Brom 1%	97.4	1.05
Digest Brom 1.5%	103.0	1.64
Digest Brom 2%	108.4	1.78



Treatment	control)	
	mean	SD
Control (non-Digest Brom)	-	-
Digest Brom 0.5%	20.5	0.75
Digest Brom 1%	24.3	1.34
Digest Brom 1.5%	31.5	2.09
Digest Brom 2%	38.3	2.27



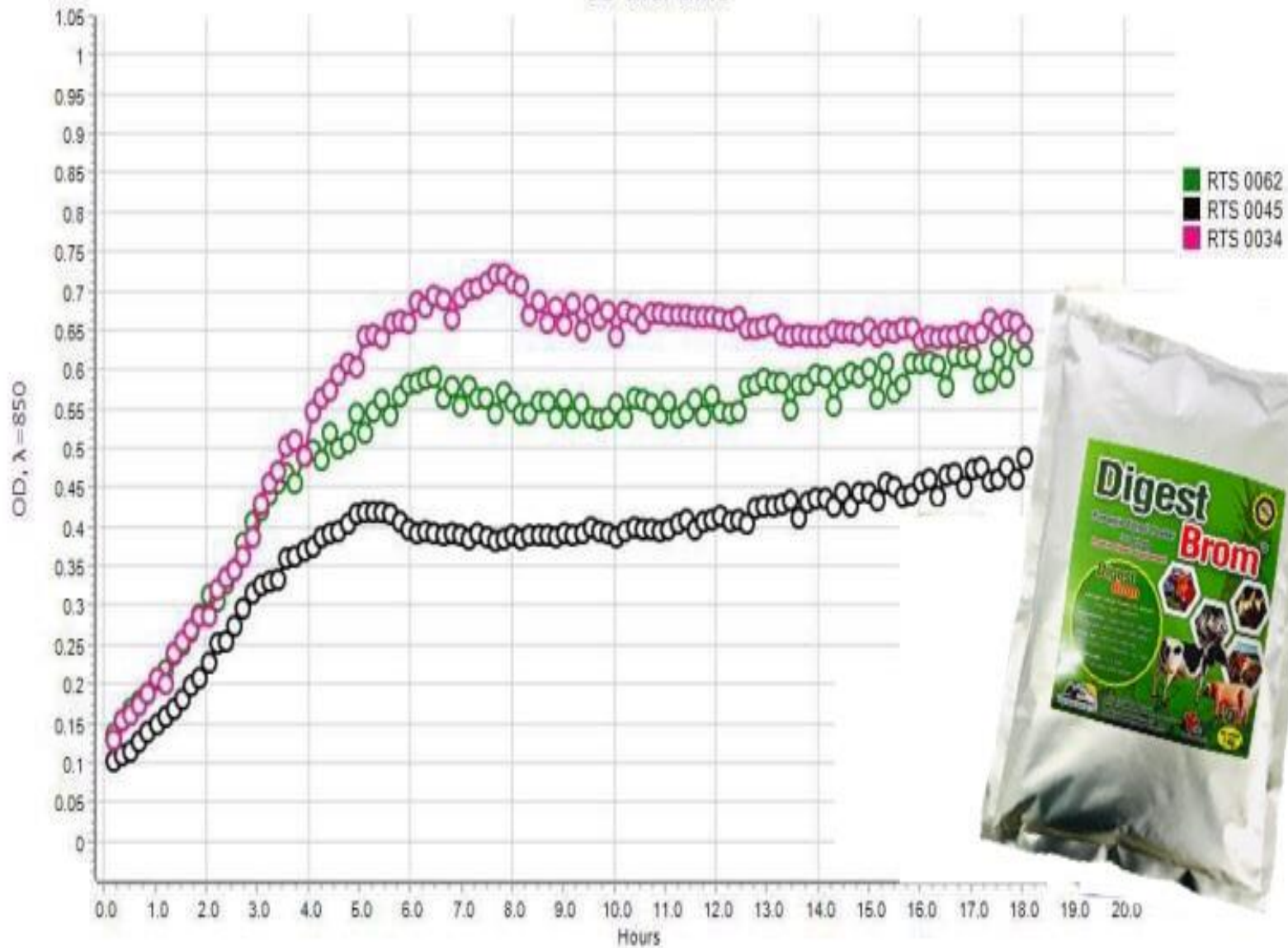
Digest Brom Test

Protein Digest ability of soy bean



Increase *Lactobacillus* spp. activity

OD over time



USING DIGEST BROM IN ANIMALS

- For : Dairy Cow , Beef , Pig , Chicken
- Dosage : 1-2 Kilogram / ton feed
- Using : Mix Digest Brom with feed tablet / powder thorough



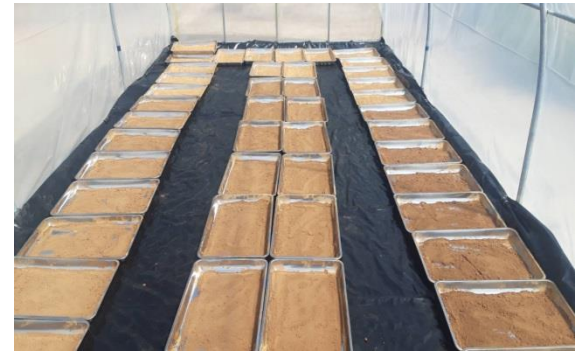
PRODUCTION OF DIGEST BROM



Concentrated pineapple
Extract



High Speed Mixer



Solar House Drier



Digest Brom Products



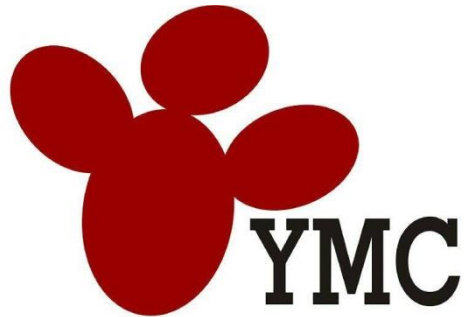
Pineapple Extract
Powder

Government Support



กรมส่งเสริมอุตสาหกรรม
DEPARTMENT OF INDUSTRIAL PROMOTION





YEAST MASTER CO.,LTD



YEASTMASTER FARM CO.,LTD

Yeast For Life & Environment Friendly

- Natural Extract for animals
- By : Pharmacist Chanon Rawanghet
- www.yeastmaster.co.th
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