

# ANC ENZYME SOLUTIONS PTE LTD

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## Papain 1KTU

### Description

**Papain 1KTU** is a proteolytic enzyme product widely used in food, baking, brewing, meat, leather and pharmaceutical industry applications. It is produced from Papaya (*Carica Papaya L.*) latex. Papain hydrolyses proteins to form oligiopeptides and amino acids.

### Properties

Activity	1100TU/gram $\pm$ 10%
Appearance	Fine Off White Powder (Note that colour does not affect or reflect activity.)
Odor	Slight fermentation odor
pH(5% solution)	5 $\pm$ 0.5
Moisture	Not more than 4%

### Dosage

As per requirement, to be determined based on application.

### Packaging

Standard package size for **Papain 1KTU** is 50-kilogram drums. Alternate custom packaging is available upon request for smaller or larger volumes.

### Handling

Avoid contact with skin and eyes; rinse with water if spilled. Always close drum after opening. Protease Enzymes break down proteins so special care should be used to avoid this product coming in contact with skin and sensitive skin areas.

### Storage

In sealed containers, under cool dry conditions and out of direct sunlight.

### Shelf Life

**Papain 1KTU** loses no more than 10% activity after 12 months when stored at 25°C (75°F-77°F) out of direct sunlight and in the original, closed container (protect from humidity). **Papain 1KTU** will lose no more than 10% activity after 6 months when stored at 43°C (11°F).

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