



SCIENCE TECHNICS SDN BHD

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PRODUCT DESCRIPTION AND SPECIFICATION

CALCIUM PROPIONATE ST

Description

Calcium Propionate ST is a white non-dusting microgranulate with a faint odour of propionic acid.

Activity

Calcium Propionate ST has not less than 98% Calcium Propionate calculated on an anhydrous basis. This corresponds to 78% Propionic Acid equivalent.

Application

Calcium Propionate is widely used as a mould inhibitor in baked products – mainly bread and buns.

Malaysian Food Laws allow the use of calcium propionate at a dosage of 0.2% on bread weight.

Specification

Assay on Dried Material	98% Minimum
Moisture	5% Maximum
pH of a 10% Solution	7.5 – 10.0

Heavy Metals Content. Complies with Malaysian Food Laws with respect to heavy metals. Typical analysis is

Lead	Max 0.5mg/kg
Arsenic	Max 1mg/kg
Cadmium	Max 1mg/kg
Mercury	Max 0.05mg/kg

Packaging

Calcium Propionate ST is available in 10kg plastic lined carton boxes.

Storage

Calcium Propionate ST should be stored in a cool dry place.

Shelf Life

Calcium Propionate ST is to be used within 2 years of production. Caking of product may occur with prolonged storage.

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(Malaysia)