



HOLISTA TRANZWORLD PRIVATE LIMITED

2/91, MARAVANMADAM, ANTONIYARPURAM, TUTICORIN -628 101

Doc No : HTPL-SOP08

Food Safety and Quality Management System

Issue/Rev : 1.0

Lab Test Procedure SOP

Date : 19.09.2022

8. Determination of Particle Size

Preparation of test sample:

Prepare the test sample

Apparatus:

1. Standard test sieves
2. Mechanical shaker
3. Weighing balance

Procedure:

1. Weigh accurately about 100 g of the material into the upper sieve of which the aperture is wider.
2. Fit the upper sieve with the cover, place the rest of sieves in a mechanical shaker and sieve the material continuously for 5 mins.
3. Then weigh the remainder on each sieve.

Calculation:

$$\text{Material retained on each sieve, percent by weight} = \frac{100 W_1}{W}$$

Where,

W₁, is the weight in g of the material retained.

W₂, is the weight in g of the material taken for the test.

References:

MS 1381: 1995 Malaysian Standard

Prepared by

Approved by