

	<b>HOLISTA TRANZWORLD PRIVATE LIMITED</b> 2/91, MARAVANMADAM, ANTONIYARPURAM, TUTICORIN -628 101	<b>Doc No : HTPL-SOP08</b>
	<b>Food Safety and Quality Management System</b>	<b>Issue/Rev : 1.0</b>
	<b>Lab Test Procedure SOP</b>	<b>Date : 19.09.2022</b>

## 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:

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