



% RINSED DRAIN WEIGHT

Bulk Container Diced Tomatoes

DEFINITION:

Rinsed drain weight is defined as the weight of the retained material after placing a sample of diced tomatoes and media (juice/puree) on a #8 sieve, rinsing with water and allowing the sample to drain for 2 minutes divided by the net weight of the sample x 100.

EQUIPMENT:

- Benchtop scale with accuracy of at least +/- 1 gm and a capacity of 6 kg.
- U.S. #8, 12 inch diameter sieve
- White grading tray

SAMPLE COLLECTION:

1. Obtain tomato sample using recommended core sampler (100 oz sample) or other method that has been correlated to a recommended core sampler and place in a container.
2. Let sample adjust to room temperature.

PROCEDURE:

1. Record the weight of the tomatoes plus the container to the nearest gm.
2. Empty the container of tomatoes onto the #8 screen, distributing the contents as uniformly as possible over the entire area of the screen. Gently rinse tomatoes until media is completely removed.
3. Tilt the screen so that one side is approximately 2 inches higher than the other side. Let drain undisturbed.
4. Exactly 2 minutes after the product is placed on the screen, place the screen containing the drained solids directly on the balance and weigh to the nearest gm.
5. Subtract the weight of the empty (dry) screen.
6. Record the **rinsed drained tomato weight** to the nearest gram.
7. Rinse, dry and then weigh the empty container, record the weight. The weight of the full container minus the weight of the empty container = the **Net Weight**.

$$\% \text{ Rinsed Drain Weight} = \frac{\text{Rinsed Drained Tomato Weight}}{\text{Net Weight}} \times 100$$