

**2111 Solids Content by Evaporation (Acetates, Brine Additives)****2111.1 Method A – Oven****Testing**

1. Record tare weight of oven safe evaporating dish to 0.001 g (Weight A).
2. Weigh a 3 g sample into the evaporating dish, distribute on bottom of dish, and record as Weight B.
3. Place in 110C oven and dry to a constant weight.
4. Weigh evaporating dish with dried solids and record as Weight C.

**Calculation**

Use the following formula to calculate the % solids in the liquid sample:

$$\% \text{ moisture} = \frac{\text{Weight C} - \text{Weight A}}{\text{Weight B} - \text{Weight A}} \times 100$$

**2111.2 Method B – Moisture Balance**

Set up moisture balance according to manufacturer's recommendations. Operate instrument in an automatic mode if available and at 110C for brine additives or 160C for acetates. Record % solids result at the completion of the test cycle.