

2103 Rock Salt Oven Moisture Test
(ASTM E534 modified)**2103.1 Sampling** – See 2101.1**2103.2 Oven Moisture Test Procedure**

1. Using a balance accurate to 0.01 g, weigh an oven safe container and record weight as “Weight A”.
2. Weigh an approximately 100 g sample of salt into the weighed oven safe container from the composite sample taken. Record weight as “Weight B”.
3. Dry sample in a 110C oven for 2 hours.
4. Cool in a desiccator until room temperature, weigh dried sample and record weight as “Weight C”.

2103.3 Oven Moisture Test Calculation

Use the following formula to calculate the % moisture in the rock salt sample:

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