The Challenges of Measuring Moisture Content

By Brady Carter

Moisture content is a measure of the quantity of water in a product and is often measured using moisture content or water content analyzers. Moisture content is a key indicator of product quality, and is often used in the production and storage of food products, pharmaceuticals, and other materials. Moisture content can also be used to monitor the moisture content of soil and other materials.

Reporting Method

The concept of moisture content assumes that the weight of the sample is known. The sample is then dried to constant weight at a specific temperature and humidity. The difference in weight is then divided by the initial weight to obtain the moisture content.

Measurement Method

The moisture content of a sample is determined by drying the sample to constant weight at a specific temperature and humidity. The change in weight is then used to calculate the moisture content.

Special Notes: Illustrations are Ref Only ** Not to Scale ** (Shown page 1 of 4)