



## Product Information Certificate

**AR091**

**Calcium Oxalate**

**(Calcium Oxalate monohydrate, 99%)**

**LOT # S06D020**

**Theoretical Weight Loss Values:**

**H<sub>2</sub>O @ 200°C - 12.3%**

**CO @ 450°C - 19.2%**

**CO<sub>2</sub> @ 850°C - 30.1%**

**Total LOI - 61.6%**

Notes:

This Organic Analytical Standard (OAS) contains 50g of high purity Calcium Oxalate powder for use as a routine working standard for the determination of weight loss by Thermogravimetric Analysis (TGA). Refer to your instrument manufacturer's recommendations and/or test method for uncertainty capabilities and minimum sample size.

Store tightly sealed under normal laboratory conditions. Once opened this product has a 2-year shelf life. Dry for 1 hour at 105°C prior to use.

This is a high purity material and is verified by its purity and empirical stoichiometry in accordance with recommendations of the Analytical Chemistry Section of the International Union of Pure and Applied Chemistry.

For good laboratory practice it is recommended that all standards be verified as fit for purpose prior to use. Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Alpha Resources be liable for incidental or consequential damages.

**THIS PRODUCT IS VALID FOR TWO YEARS FROM THE DATE OF OPENING.**

July 14, 2020

Chief Chemist