



TECHNICAL DATA SHEET

CALCIUM OXALATE

Monohydrate

CAS # 5794-28-5 FORMULA: $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$

FORMULA WEIGHT 146.11 UN # NON-REGULATED

Assay (as $\text{CaC}_2\text{O}_4 \cdot \text{H}_2\text{O}$)	98.5 % Min
Total Calcium (as Ca)	26.6 % Min
Total Oxalate (as C_2O_4)	59.35% Min
Moisture	0.5% Max
Total Insoluble	0.5% Max
Water-soluble Salts	0.4% Max
Water-soluble Alkalinity (as $\text{Ca}(\text{OH})_2$)	0.1% Max
Acid-soluble Alkalinity (as CaCO_3)	0.6% Max
Barium Salts (as BaC_2O_4)	0.5% Max
Apparent Density (gr / ml)	0.6 gr / ml

Other grades available upon request as well as material prepared to customer and government specifications. Custom milling, blending, screening and packaging are available at a reasonable cost. All raw materials undergo testing for conformance as well as in-process sampling and final shipping samples. Barium & Chemicals, Inc. has a full-course, in-house laboratory whose staff has expertise in wet chemical analysis as well as AA, IC, ICP, W.S. Tyler Ro-Tap, Fisher Sub-Sieve Sizer, Laser Particle Analysis, pH, titration and moisture analysis.

Special requests may require extra lead time for raw material manufacture and processing. Allow sufficient time when ordering.

USES: Making oxalic acid and organic oxalates, glazes, and for rare-earth-metal separation process.

PACKAGE TYPE: Fiber or Plastic drums with polyliner.

Packaged for transport by ground, air or ocean transport. Call for packaging options.