



## TECHNICAL DATA SHEET

### BARIUM CHLORATE

Monohydrate, Reagent Grade

CAS # 13477-00-4	FORMULA	Ba(ClO <sub>3</sub> ) <sub>2</sub> * H <sub>2</sub> O
FORMULA WEIGHT	304.27	UN # UN1445

Assay (as Ba(ClO <sub>3</sub> ) <sub>2</sub> * H <sub>2</sub> O )	99.0 % Min
Calcium & Alkalies	0.1% Max
Chloride (as Cl)	0.01% Max
Heavy Metals (as Pb)	0.001% Max
Insoluble Matter	0.2% Max
Iron (as Fe)	0.001% Max
Nitrogen Compounds (as N)	0.001% Max

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: Used in the pyrotechnic industry to give an intense green color as well as applications in the textile and explosive industries.

PACKAGE TYPE: Steel or Plastic drums with polyliner.

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