



## TECHNICAL DATA SHEET

### POTASSIUM CHLORATE

High Purity Grade

CAS # 3811-04-9      FORMULA:  $\text{KClO}_3$

FORMULA WEIGHT    122.55                      UN #    UN1485

Assay (as $\text{KClO}_3$ )	99.5% Min
Moisture	0.05% Max
Water insoluble Matter	0.02% Max
pH of water soluble matter	5.0 – 8.0
Chlorides (as $\text{KCl}$ )	0.10% Max
Bromates (as $\text{KBrO}_3$ )	0.02% Max
Sodium (as $\text{Na}$ )	0.04% 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: matches, dyeing, printing, chemical analysis explosives and pyrotechnics

PACKAGE TYPE: Fiber, Steel or plastic drums with polyliner.

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