



TECHNICAL DATA SHEET

POTASSIUM PERCHLORATE

High Purity Grade

CAS # 778-74-5 FORMULA: KClO_4

FORMULA WEIGHT 138.55 UN # UN1489

Assay (as KClO_4)	99.0% Min
Moisture	0.2% Max
Chlorides (as KCl)	0.10% Max
Chlorates (as KClO_3)	0.10% Max
Hypochlorites	None
Bromates (as KBrO_3)	0.02% Max
Sodium (as NaClO_4)	0.20% Max
Calcium & Magnesium (as oxides)	0.20% Max
Water insoluble matter & grit	0.02% Max
pH of Water Solution	5.5 – 8.5

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: Explosives, pyrotechnics, flares and automotive safety air bags.

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

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