



## TECHNICAL DATA SHEET

### POTASSIUM NITRATE

Technical Grade

CAS # 7757-79-1      FORMULA:  $\text{KNO}_3$

FORMULA WEIGHT    101.10                      UN #    UN1486

Assay (as $\text{KNO}_3$ )	99% Min
Water insoluble Matter	0.1% Max
Physical Form	White powder or crystals

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: pyrotechnics, explosives, matches, and specialty fertilizers. Other uses include modifying tobacco, glass manufacturing, metallurgy, solid rocket propellants and preservatives.

PACKAGE TYPE: Fiber, Steel or plastic drums with polyliner and kraft paper bags with poly liner (pallet quantities only)

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