



TECHNICAL DATA SHEET

BARIUM HYDROXIDE MONOHYDRATE (Barium Compounds, NOS) Hi-Purity

CAS # 22326-55-2 FORMULA: BaOH * H₂O

FORMULA WEIGHT 189.4 UN # UN1564

Assay (as BaOH * H ₂ O)	97.0% Min
Carbonate (as BaCO ₃)	3.0% Max
Strontium (as Sr) (F.I.O.)	0.40% report
Sulfur (as BaS)	None present
Iron (as Fe)	100 ppm Max
Chloride (as Cl)	0.5% 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: Manufacturing of oil and grease additives, barium soaps, and chemicals. Used as an alkalizing agent in water softening, sulfate removal agent in water treatment and brine, boiler scale removal, sulfate-controlling agent in ceramics, purifying agent for caustic soda, steel carbonizing agent, glass, and elastomer vulcanization.

PACKAGE TYPE: Fiber or Plastic drums with polyliner and Kraft bags with poly liner (pallet quantities only)

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