



TECHNICAL DATA SHEET

BARIUM SULFATE

Technical Precipitated Powder

CAS # 6865-35-6

FORMULA: BaSO₄

FORMULA WEIGHT 233.39 UN # Non-regulated

Assay (as BaSO ₄)	97.0% Min
Water Soluble Matter	1.0% Max
Moisture	0.5% Max
Iron (as Fe)	0.1% Max
pH of Water Solubles	5.0 – 10.0
% thru USS Sieve No. 325	100.0% Min
Average Particle Size (microns)	3.0 Microns 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: Manufacture of photographic papers, artificial ivory, cellophane, and filler for rubber, linoleum, oil cloth polymeric fibers and resins, paper, lithographic inks and as a water-color pigment for colored paper in wall paper. Other applications include uses as a size for modifying the colors of other pigments and in manufacture of heavy concrete for radiation shield.

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.