



TECHNICAL DATA SHEET

STRONTIUM PEROXIDE

High Purity Grade

CAS # 1314-18-7 FORMULA: SrO_2

FORMULA WEIGHT 119.63 UN # UN1509

Available Oxygen	12.3 % Min
Apparent Density (gr/ml)	1.30 – 2.00 gr/ml
Iron (as Fe)	1.0% Max
Barium (as Ba)	0.3% Max
Calcium (as Ca)	0.05% Max
Magnesium (as Mg)	0.1% Max
Sodium (as Na)	0.09% Max
Aluminum (as Al)	0.1% Max
Nitrate (as $\text{Sr}(\text{NO}_3)_2$)	0.1% Max
Chloride (as SrCl_2)	0.1% 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: Bleaching, fireworks and antiseptic

PACKAGE TYPE: Fiber or plastic drums with polyliner

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