



TECHNICAL DATA SHEET

STRONTIUM NITRATE

Hi-Purity Grade

CAS # 10042-76-9 FORMULA: $\text{Sr}(\text{NO}_3)_2$

FORMULA WEIGHT 211.65 UN # UN1507

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|--|------------|
| Strontium Nitrate | 99.5% Min |
| Moisture | 0.05% Max |
| Hygroscopicity | 0.05% Max |
| Acidity (pH) | 6.0 – 7.0 |
| Water-insoluble matter | 0.02% Max |
| Grit | 0.02% Max |
| Chloride (as Cl) | 0.003% Max |
| Ammonium compounds (as NH_3) | 0.01% Max |
| Sulfur (as S) | 0.01% Max |
| Barium (as Ba) | 0.05% Max |
| Calcium (as Ca) | 0.003% Max |
| Magnesium (as Mg) | 0.003% Max |
| Sodium (as Na) | 0.003% Max |
| Iron (as Fe) | 0.003% Max |
| Bismuth (as Bi) | 0.003% Max |
| Lead (as Pb) | 0.003% Max |
| Copper (as Cu) | 0.003% 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: Pyrotechnics, marine signals, railroad flares, matches and automotive industry.

PACKAGE TYPE: Fiber or plastic drums with polyliner

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