



Barium & Chemicals, INC.  
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## Technical Data Sheet

### Antimony Sulfide (Tri-Sulfide) High Purity Grade

CAS # 1345-04-6

Formula:  $Sb_2S_3$

Molecular Weight: 339.72

UN # UN1549

<u>Test</u>	<u>Min</u>	<u>Max</u>
Antimony	70.5%	
Total Sulfur	24.8%	
Insoluble Matter		1.0%
Acidity (as $H_2SO_4$ )		0.01%
Lead		0.50%
Free Sulfur (as S)		0.2%
Arsenic		0.06%
Moisture		0.20%

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 IC, ICP, W.S. Tyler Ro-Tap, Fisher Sub-Sieve Sizer, Laser Particle Analysis (Microtrac), pH, titration and moisture analysis.

Special request may require extra lead time for raw material manufacture and processing. Allow sufficient time when ordering.

Uses: Pyrotechnics, matches, explosives and certain glass types. Also used in manufacture of paints and pigments and brake linings.

Package Type: Fiber, Plastic or Steel drums with poly liner.

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