

**NAME AND CODE****Strontium Nitrate ACS Crystal**

Code 2821

**CHEMICAL FORMULA** $\text{Sr}(\text{NO}_3)_2$ 

Mol. Wt. 211.63

**CAS NUMBER**

10042-76-9

**USE**

Laboratory Reagent; Precision Industrial Applications

**DESCRIPTION**

White crystal

**CHEMICAL SPECIFICATION****TESTS****SPECIFICATIONS**

Assay	99.0% minimum
Insoluble matter	0.01% maximum
Loss on drying	0.1% maximum
Heavy Metals (as Pb)	5 ppm maximum
Sodium	0.10% maximum
Sulfate ( $\text{SO}_4$ )	0.005% maximum
Barium (Ba)	0.05% maximum
Calcium	0.05% maximum
Magnesium	0.10% maximum
Chloride	0.002% maximum
Iron (Fe)	5 ppm maximum
pH of a 5% solution	5.0-7.0

**CONTAINERS**

50 kg. / 110 lb. Fiber drums; 25 kilogram packs EU only

**STORAGE**

Store in a clean, dry warehouse in the original unopened containers.

**REVISION DATE:**

12/21/05