

# Product Specification

## Product Name: STRONTIUM NITRATE AR

Alternate Name(s)

### Description

White powder. Not combustible but assists combustion of other substances.

### Properties

Chemical Formula:  $\text{Sr}(\text{NO}_3)_2$

Molecular Weight: 211.63

Product Code: SA063

CAS No. 10042-76-9

### General Information:

Slightly soluble in absolute alcohol and acetone. Incompatible with cyanides, thiocyanates, hypophosphites, aluminium powder, alkyl esters, strong acids and reducing agents.

### Hazard and Safety Data

UN Group: III  
Class: 5.1  
UN Number: 1507  
Hazchem code: 1[Z]  
CS MSDS Code: 1CH92  
Poison schedule: Not Scheduled  
Emergency  
Procedure Guide No.: 31

### Quality Specification

Assay: 99.0% min.

### Specific Properties and Impurities [Typical levels]:

Insoluble matter	≤ 0.02%
Loss on drying at 105°C	≤ 0.1%
Chloride (Cl)	≤ 0.003%
Lead (Pb)	≤ 0.003%
Barium (Ba)	≤ 1.5%
Calcium (Ca)	≤ 0.05%
Iron (Fe)	≤ 0.003%
Magnesium (Mg)	≤ 0.10%
Sodium (Na)	≤ 0.10%

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