

**NAME AND CODE****Sodium Nitrate ACS Crystals**

Code 3770

CHEMICAL FORMULANaNO₃ Mol. Wt. 84.99**CAS NUMBER**

7631-99-4

USE

Laboratory Reagent; Precision Industrial Applications

DESCRIPTION

Colorless crystalline granules, odorless

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

Assay	99.0% minimum
Insoluble Matter	0.005% maximum
pH (5% solution)	5.5-8.3
Iodate	5 ppm maximum
Phosphate (PO ₄)	5 ppm maximum
Sulfate (SO ₄)	0.003% maximum
Calcium	0.005% maximum
Magnesium	0.002% maximum
Heavy Metals (as Pb)	5 ppm maximum
Iron (Fe)	3 ppm maximum
Chloride (Cl)	0.001% maximum
Nitrite	0.001% maximum

CONTAINERS

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

D.O.T. INFORMATION

Hazard Class 5.1, UN1498, Oxidizer

AGGLOMERATION

Sodium Nitrate crystals tend to agglomerate.
Agglomeration is a normal occurrence for this chemical.

STORAGE

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

REVISION DATE

01/25/11