

**NAME AND CODE****Potassium Nitrate ACS Crystals**

Code 3660

CHEMICAL FORMULAKNO₃

Mol. Wt. 101.10

CAS NUMBER

7757-79-1

USE

Laboratory Reagent

DESCRIPTION

Colorless crystal

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

| | |
|---------------------|----------------|
| Assay (dried basis) | 99.0% minimum |
| pH | 4.5 – 8.5 |
| Insoluble Matter | 0.005% maximum |
| Heavy Metals | 5 ppm maximum |
| Chloride | 0.002% maximum |
| Iodate | 5 ppm maximum |
| Phosphate | 5 ppm maximum |
| Sulfate | 0.003% maximum |
| Iron | 3 ppm maximum |
| Calcium | 0.005% maximum |
| Magnesium | 0.002% maximum |
| Sodium | 0.005% maximum |
| Nitrite | 0.001% maximum |

CONTAINERS

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

AGGLOMERATION

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

STORAGE

Store in a clean, dry warehouse in original unopened
containers

REVISION DATE

01/25/11