

**NAME AND CODE****Potassium Nitrate USP Crystals**

Code 3665

CHEMICAL FORMULAKNO₃ Mol. Wt. 101.10**CAS NUMBER**

7757-79-1

USE

Oral Care; Pharmaceuticals

DESCRIPTION

White granular crystal

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

Identification

Potassium

positive

Nitrate

positive

Assay (dried basis)

99.0-100.5%

Arsenic

3 ppm maximum

Heavy Metals

0.002% maximum

Lead

0.001% maximum

Chloride

0.03% maximum

Iron (Fe)

0.001% maximum

Sodium

0.1% maximum

Nitrites

5 ppm maximum

Sulfate

0.1% maximum

Microbial Test Results

Aerobic Plate Count

1000 cfu /gm maximum

Yeast and Mold Count

100 cfu /gm maximum

Total Coliforms

Negative

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 the original unopened containers.

REVISION DATE

01/25/11