

**NAME AND CODE****Potassium Nitrate USP/EP Granulated**

Code 2999

**CHEMICAL FORMULA**KNO<sub>3</sub> Mol. Wt. 101.10**CAS NUMBER**

7757-79-1

**USE**

Pharmaceuticals; Oral Care

**DESCRIPTION**

White, free flowing granulated

**CHEMICAL SPECIFICATIONS****TESTS**

Identification

Potassium

Nitrate

Appearance

Assay (dried basis)

Arsenic

Heavy Metals

Lead

Chloride

Iron

Sodium

Nitrites

Sulfate

Ammonium

Calcium

LOD

Acidity/Alkalinity

Reducible Substances

Residual Solvents

Particle Size

Mesh on 16

**SPECIFICATIONS**

positive

positive

Clear and Colorless

99.0-100.5%

3 ppm maximum

0.001% maximum

10 ppm maximum

0.002% maximum

0.001% maximum

0.1% maximum

5 ppm maximum

0.015 % maximum

100 ppm maximum

100 ppm maximum

0.5% maximum

Pass

Pass

Pass

98% minimum

**Microbial Tests**

Aerobic Plate Count

Yeast and Mold Count

Total Coliforms

1000 cfu/gram maximum

100 cfu/gram maximum

Negative

**CONTAINERS**

50 kg / 110 lb. fiber drums; 25 kilogram packs for export

**STORAGE**

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

**REVISION DATE**

05/20/10