

GRM402 Potassium nitrate, Hi-AR™**Product Number Packing**

GRM402 : 500G

Product Information

Product Code : GRM402
Product Name : Potassium nitrate, Hi-AR™
Molecular Formula : KNO_3
Molecular Weight : 101.10
CAS No. : 7757-79-1
EC No. : 231-818-8
HS Code : 2834 21 00
Shelf Life : 4 years

Technical Specification

Appearance : Colourless to white to off-white crystals or powder
Solubility : 100 mg soluble in 1 mL of water
pH (5% in water at 25°C) : 4.50 - 8.50
Acidity (HNO_3) : $\leq 0.003\%$
Alkalinity : $\leq 0.05 \text{ mL N}\%$
Ammonium (NH_4) : $\leq 0.001\%$
Arsenic (As) : $\leq 0.00004\%$
Calcium (Ca) : $\leq 0.0015\%$
Chloride (Cl) : $\leq 0.0005\%$
Copper (Cu) : $\leq 0.0001\%$
Insoluble matter : $\leq 0.003\%$
Iodate (IO_3) : $\leq 0.0005\%$
Iron (Fe) : $\leq 0.0001\%$
Lead (Pb) : $\leq 0.0001\%$
Magnesium (Mg) : $\leq 0.0015\%$
Nitrite (NO_2) : $\leq 0.001\%$
Phosphate (PO_4) : $\leq 0.0005\%$
Sodium (Na) : $\leq 0.01\%$
Sulfate (SO_4) : $\leq 0.003\%$
Assay (Cation-exchange Titration) : 98.50 - 102.00%

GHS Safety Information

Hazard Statement(s) : H272
Precautionary Statement(s) : P220
Signal Word : Warning
Hazard Pictogram(s)



Risk and Safety Information

R-Phrase(s) : 8
WGK : 1
RTECS : TT3700000
Storage Temperature(°C) : Store below 30°C
Hazard Symbol(s)



Transport Information

UN No. : 1486
Class : 5.1
Packaging Group : III
Marine Pollutant : No
ADR/RID : 1486 5.1/PG III
IMDG : 1486 5.1/PG III
IATA : 1486 5.1/PG III