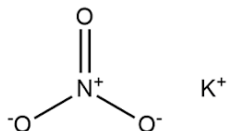


Product Information

POTASSIUM NITRATE AR

Nitrate of potash



Product Code	O-5154	Grade	Analytical Reagent
Purity	99 %	CAS No	7757-79-1
Molecular Formula	KNO ₃	Molecular Weight	101.10 g/mol
H.S.Code	2834.2100	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline	Density	2,109 g/cm ³ at 16 °C
Melting Point	334 °C		

Packaging

500 gram

Specification

Appearance	Colourless or white crystals or crystalline powder.
Assay (Titration after Ion-Exchange)	99.0 - 100.5 %
Identity (acc.to pharmacopoeias)	Passess test
Appearance of solution	Passess test
Reducing substance	Passess test
pH (5% solution in water at 20 °C)	4.5 - 8.5
Acidity or alkalinity	Passess test
Chloride (Cl)	0.001%
Chlorate and perchlorate (as Cl)	Passess test
Sulphate (SO ₄)	0.003%
Phosphate (PO ₄)	0.0005%
Heavy metal (as Pb)	0.0005%
Arsenic (As)	0.0003%
Iron (Fe)	0.0003%
Calcium (Ca)	0.001%
Sodium (Na)	0.02%
Ammonium (NH ₄)	0.001%
Iodate (IO ₃)	0.0005%
Nitrite (NO ₂)	0.001%
Loss on drying (at 105°C)	0.5%

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: 1486

IMCO Class No.: 5.1

Packing Group: III

Hazardous Statement: H272

Precaution Statement: P210-P220-P280-P370+378-P501

Labotiq