

**Product Specification****POTASSIUM CHLORIDE AR**

MEETS ANALYTICAL SPECIFICATION OF IP, BP, PH.EUR

PRODUCT CODE	612375
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7447-40-7)
ATOMIC OR MOLECULAR FORMULA	KCl
ATOMIC OR MOLECULAR WEIGHT	74.55
PROPERTIES	Insoluble in ether, acetone, hydrochloric acid.

KCl

PARAMETER	LIMIT
Description	Colourless crystals/crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification	Passes test.
Minimum Assay	99.5%
pH of (5% w/v aqueous solution)	5.0 - 8.0

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 150°C)	0.2%
Insoluble matter	0.003%
Acidity (as HCl)	0.003%
Alkalinity (as KOH)	0.005%
Sulphate (SO ₄)	0.003%
Total Nitrogen (N)	0.001%
Arsenic (As)	0.0001%
Aluminium (Al)	0.0001%
Barium (Ba)	0.001%
Bromide (Br)	0.01%
Iodide (I)	0.002%
Phosphate (PO ₄)	0.0005%
Calcium (Ca)	0.001%
Copper (Cu)	0.0002%
Iron (Fe)	0.0002%
Lead (Pb)	0.0002%
Magnesium (Mg)	0.0005%
Magnesium & alkaline earth metals	0.02%

Note(s) : Assay (if applicable) method mentioned.




Central Drug House (P) Ltd.

AN ISO 9001:2008 CERTIFIED COMPANY

Manufacturers of : Laboratory Fine Chemicals & Dehydrated Culture Media

www.cdhfinechemical.com

<p>WARNING Hazard statements : Harmful if swallowed. Causes eye irritation. Precautionary statements Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. Specific treatment: refer to Label or MSDS.</p>	<p>IMDG Code : UN No. : IATA :</p>
<p>Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.</p>	
<p>Hazard Pictogram(s) :</p> <div style="text-align: center;"><p>Skin irritation</p></div>	