



Product Specification

POTASSIUM CHLORIDE FOR MOLECULAR BIOLOGY

PRODUCT CODE	971800
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
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Description	A white crystals/crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Argentometric)	99.50%
pH of (5% aq. Solution)	5 – 8
Abs. of 1 M aq.soln.at 260 – 280 nm	0.005

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 150°C)	0.2%
Sulphate (SO ₄)	0.003%
Bromide (Br)	0.01%
Phosphate (PO ₄)	0.0005%
Heavy metals (as Pb)	0.0002%
Iron (Fe)	0.0002%
Iodide (I)	0.002%
Magnesium (Mg)	0.0005%
DNase, RNase, Protease & Phosphatases	None detected.

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

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.

IMDG Code :

UN No. :

IATA :

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :--



Skin irritation