




Product Specification

cdhfinechemical.com

POTASSIUM CHLORIDE FOR MOLECULAR BIOLOGY

PRODUCT CODE	971800	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7447-40-7)	
ATOMIC OR MOLECULAR FORMULA	KCl	KCl
ATOMIC OR MOLECULAR WEIGHT	74.55	
PROPERTIES	Insoluble in ether, acetone, hydrochloric acid.	
PARAMETER	LIMIT	
Description	Colourless crystals/white crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay(Argentometric)	99.50%	
pH of (5% aq. Solution)	5 – 8	
MAXIMUM LIMIT OF IMPURITIES		
Absorbance (A) of 0.5M aq. solution in a 1cm cell v/s H ₂ O		
@260nm	0.01	
@280nm	0.01	
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 eyeirritation 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) :--  GHS07		

Replace date 15-Mar-2024