

PRODUCT IDENTITY

PRODUCT NAME	Potassium chloride	PRODUCT NUMBER	P774688
Grades & Purity	PharmPure™,USP,JP,BP,E 508,Ph.Eur.	VERSION	3
CAS NUMBER	7447-40-7	FORMULA	KCl
FORMULA WEIGHT	74.55g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(P774688)	white or almost white, crystalline powder or colourless crystals
Solubility : freely soluble in water, practically insoluble in anhydrous ethanol	Pass
Assay (argentometric; calculated on dried substance)	99.5-100.5 (%)
Identity(chlorides)	passes test
Identity(potassium)	Passes test
Appearance of solution	Conforms
Acidity or alkalinity	passes test
Bromide(Br)	Pass
Bromide(Br)	0-0.1 (%)
Iodide(I)	Pass

PARAMETER	SPECIFICATION / LIMIT
Iodide(I)	0-0.005 (%)
Sulfate(SO ₄)	0-0.03 (%)
Aluminium(Al)	0-0.0001 (%)
As (Arsenic)	0-0.0002 (%)
Iron(Fe)	0-0.002 (%)
Heavy metals	0-0.0005 (%)
Sodium(Na)	0-0.1 (%)
Na (sodium)	passes test
Loss on Drying(130°C,2h)	0-0.5 (%)
Calcium and Magnesium	passes test
Magnesium and alkaline-earth metals	0-0.02 (%)
Lead (Pb)	0-0.0002 (%)
Mercury(ICP)	0-0.0001 (%)
Manganese(Mn)	Passes test
Barium(Ba)	passes test
Cadmium(Cd)	0-0.0001 (%)

PARAMETER	SPECIFICATION / LIMIT
Residual solvents (ICH (Q3C))excluded by manufacturing process	pass