

PRODUCT IDENTITY

PRODUCT NAME	Potassium chloride	PRODUCT NUMBER	P433500
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
Purity(on anhydrous substance)(argentometric titration)	99-101 (%)
X-Ray Diffraction	Conforms to Structure
Appearance of solution	Passes test
Free acid and free alkali	passes test
Acidity or alkalinity	passes test
Bromide(Br)	0-0.1 (%)
Bromides and iodides	Pass
Iodide(I)	Pass
Iodide (I-)	0-0.005 (%)
Sulfate(SO4)	0-0.01 (%)

PARAMETER	SPECIFICATION / LIMIT
Heavy metal (as Pb)	0-0.0005 (%)
Aluminium(Al)	0-0.0001 (%)
Arsenic(As)	0-0.0001 (%)
Cadmium(Cd)	0-0.0001 (%)
Iron(Fe)	0-0.001 (%)
Mercury(ICP)	0-0.0001 (%)
Sodium(Na)	0-0.05 (%)
Na (sodium)	passes test
Lead (Pb)	0-0.0002 (%)
Calcium and Magnesium	passes test
Magnesium and alkaline-earth metals(as Ca)	0-0.02 (%)
Residual solvents (ICH Q3C)(excluded by production process)	Pass
Loss on drying (130°C, 3 h)	0-0.5 (%)