



+91.22.22057323
 +91.84879 47881

Product Specification

POTASSIUM CHLORIDE 99.5% FOR MOLECULAR BIOLOGY

CAT. NO. : MB0123
GRADE : MB
CAS NO. : 7447-40-7
FORMULA : KCl
M.W. : 74.55

K-Cl

Minimum assay (Argentometric) 99.5%
 pH of (5% aq. Solution) 5-8

Maximum limits of impurities:

Max. absorption: (1M aq, solution 260-280nm)	0.01
Loss on drying (at 150°C)	0.2%
Sodium (Na)	0.02%
Bromide (Br)	0.01%
Sulphate (SO ₄)	0.003%
Iodide (I)	0.002%
Calcium (Ca)	0.001%
Barium (Ba)	0.001%
Phosphate (PO ₄)	0.0005%
Heavy metals (as Pb)	0.0002%
Iron (Fe)	0.0002%
Magnesium (Mg)	0.0005%
Arsenic (As)	0.00005%
DNase, RNase, Protease & Phosphatases	None Detected

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



Customercare@hplcindia.com



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