



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	POTASSIUM CHLORIDE 99.5% MOLECULAR BIOLOGY
Cas No.	7447-40-7
Code No.	B-02085
Batch No.	BC01251422
Mfg.Date	JAN-2025
Date of Analysis	30/01/2025
Retest Date	DEC-2030

TEST	SPECIFICATION	RESULT
Appearance	White crystalline powder	White crystalline powder
Assay (titration)	Min 99.5%	99.84%
DNAase/RNAase/Proteases	Not detectable	-
Loss on drying (at 130°C; 2 hrs)	Max 0.5%	0.27%
pH (5% solution in water)	5.5 - 8.5	5.64
Bromide (Br)	Max 0.05%	<0.01%
Fluoride (F)	Max 0.001%	<0.001%
Iodide (I)	Max 0.002%	<0.002%
Sulphate (SO ₄)	Max. 0.005%	0.004%
Arsenic (As)	Max 0.00005%	<0.00005%
Barium (Ba)	Max 0.001%	Not detected
Calcium (Ca)	Max 0.001%	0.00055%
Iron (Fe)	Max 0.0005%	0.0003%
Magnesium (Mg)	Max 0.001%	0.0001%
Sodium (Na)	Max 0.02%	0.001%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

This is an electronically generated certificate and is valid without a signature.

For Issues relating to quality you may send us a mail on info@biofinechemical.com or call on
+91-7404210730 Website- www.biofinechemical.com