



BIO-CHEM CHEMICALS

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CERTIFICATE OF ANALYSIS

Product Name	POTASSIUM HYDROXIDE AQUEOUS SOLUTION 45% AR
Cas No.	1310-58-3
Code No.	B-02120
Batch No.	BC102430027
Mfg.Date	Oct-2024
Date of Analysis	21/10/2024
Retest Date	DEC-2029

TEST	SPECIFICATION	RESULT
Appearance	A clear colorless solution	A clear colorless solution
Assay (acidimetric, KOH)	44 - 46% (w/w)	44.17 % w/w
Carbonate (as K₂CO₃)	Max 1%	0.32%
Chloride (Cl)	Max 0.002%	0.0015%
Sulphate (SO₄)	Max 0.0005%	0.0004%
Phosphate (PO₄)	Max 0.0005%	0.0004%
Silicate (SiO₂)	Max 0.005%	0.004%
Total nitrogen (N)	Max 0.0003%	0.0002%
Heavy metal (as Pb)	Max 0.0005%	ND
Iron (Fe)	Max 0.001%	0.00015%
Arsenic (As)	Max 0.0001%	<0.0001%
Magnesium (Mg)	Max 0.005%	0.000027%
Copper (Cu)	Max 0.001%	0.00017%
Sodium (Na)	Max 0.05%	0.028%

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