

TEST REPORT

Doc. No : GTL/D/7.5/02

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Report Issued To:	Universal Chemicals and Industri Private Limited Plot NO : CH/5A, GIDC Ind. Estate, Dahje-392130 , Bharuch, Gujarat Phone No : 8000630655 Email : dahe_qa@ucil.co.in	Test Report No	: GTL/04260914079/NS
		Date of Receipt	: 11/09/2026
		Date of Issue	: 14/09/2026
		Customer's Ref. No	: N.M

Sample Described as	: Potassium Hydroxide Lye 45%	Mfg. Date	: 12.08.2026
Sample Qty	: 200 ml	Exp. Date	: 11.08.2027
Packing Mode	: Sample Packed in Plastic Bottle	B.No	: RILA260812
Sample Condition	: Satisfactory		
Marking	: N.M		
Sample Drawn By	: Customer		
Date of Starting of Test	: 11/09/2026	Date of Completion	: 14/09/2026

Sr No	Quality Characteristics	Result	Test Method	Customer Specification
Chemical				
Industrial and Fine Chemicals				
1	Sodium (as Na) ppm	1195.3	By ICP-MS	Max. 1500
2	Copper (as Cu) ppm	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 0.3
3	Calcium (as Ca) ppm	0.055	By ICP-MS	Max. 0.8
4	Iron (as Fe) ppm	0.045	By ICP-MS	Max. 0.8
5	Magnesium (as Mg) ppm	0.049	By ICP-MS	Max. 0.6
6	Nickel (as Ni) ppm	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 0.3
7	Zinc (as Zn) ppm	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 0.6
8	Aluminium (as Al) ppm	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 0.8
9	Cobalt (as Co) ppm	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 0.6
10	Chromium (as Cr) ppm	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 0.6
11	Arsenic (as As) ppm	B.L.Q.(Q.L.=0.02)	By ICP-MS	Max. 5
12	Lead (as Pb) ppm	B.L.Q.(Q.L.=0.02)	By ICP-MS	Max. 0.8
13	Silicate (as SiO ₂) ppm	5.25	By IC	Max. 100
14	Chlorides (as Cl) ppm	0.42	By IC	Max. 50
15	Sulphate (as SO ₄) ppm	0.44	By IC	Max. 3
16	Phosphate (as PO ₄) ppm	B.L.Q.(Q.L.=0.05)	By IC	Max. 3
17	Total Nitrogen (as N ₂) ppm	0.68	By IC	Max. 2

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Remark: In respect of the test performed the submitted sample to the above specification for the parameters tested.

CONFORM

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification,
Q.L.=Quantification Limit, Customer requested for the above test only

FOR, GUJARAT TESTLAB PVT. LTD


Mamta Bhavsar
Reviewed By



For Verification


Hemal Darji
Autho. Signatory

*** END OF REPORT ***

Disclaimer Note

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