



CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM CHLORIDE AR

CAS No : 7447-40-7
Mol. Formula : KCl
Mol. WT : 74.56
Date of analysis : 27/12/23

Product code : 24840
Batch No : MCRT-19926-02
Mfd. : Dec. 2023
Exp. : Nov. 2028

S.R	Test	Specification	Observation
1	Description	White crystal or White crystalline powder	White crystalline powder
2	Assay	99.5 % min	99.62 %
3	pH (5% aq. solution)	5.0 - 8.0	6.50
4	Water insoluble matter	0.003 % max	0.002%
5	Bromide (Br) & Iodide (I)	0.005% max	< 0.005%
6	Nitrate (NO ₃)	0.001% max	<0.001%
7	Phosphate (PO ₄)	0.005% max	< 0.005%
8	Sulphate (SO ₄)	0.003% max	<0.003%
9	Ammonium (NH ₄)	0.001% max	< 0.001%
10	Barium (Ba)	0.001% max	< 0.001%
11	Calcium (Ca)	0.001% max	< 0.001%
12	Iron (Fe)	0.0002% max	< 0.0002%
13	Lead (Pb)	0.0005% max	< 0.0005%
14	Magnesium (Mg)	0.001% max	< 0.001%
15	Sodium (Na)	0.05% max	< 0.05%
16	Loss on drying (150 ^o C)	0.2% max	0.18 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Deepa)**

[QC Incharge]

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaoon, Badlapur (E), Dist.-Thane-421 503.

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