



CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM CHLORIDE AR

CAS No : 7447-40-7

Mol. Formula : KCl

Mol. WT : 74.56

Date of analysis : 23/08/23

Product code : 24840

Batch No : MCRT-29131

Mfd. : Aug. 2023

Exp. : July 2028

S.R	Test	Specification	Observation
1	Description	White crystal or White crystalline powder	White crystalline powder
2	Assay	99.5 % min	99.84 %
3	pH (5% aq. solution)	5.0 - 8.0	6.30
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°C)	0.2% max	0.19 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Asmita)**

[QC Incharge]

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

Note: Computer generated image requires no sign

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