

CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM CHLORIDE AR

CAS No	: 7447-40-7	Product code	: 24840
Mol. Formula	: KCl	Batch No	: MCAR-01623
Mol. WT	: 74.56	Mfd.	: May 2025
Date of analysis	: 20/05/25	Exp.	: April 2030

S.R	Test	Specification	Observation
1	Description	White crystal or White crystalline powder	White crystalline powder
2	Assay	99.5 % min	99.85%
3	pH (5% aq. solution)	5.0 - 8.0	5.67
4	Water insoluble matter	0.003 % max	0.002%
5	Bromide (Br) & Iodide (I)	0.005% max	< 0.005%
6	Nitrate (NO₃)	0.001% max	<0.001%
7	Phosphate (PO₄)	0.005% max	< 0.005%
8	Sulphate (SO₄)	0.003% max	<0.003%
9	Ammonium (NH₄)	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^oC)	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)**

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