CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM CHLORIDE AR

CAS No	**: 7447-40-7**	**Product code**	**: 24840**
Mol. Formula	**: KCl**	**Batch No**	**: MCRT-28135**
Mol. WT	**: 74.56**	**Mfd.**	**: April 2023**
Date of analysis	**: 20/04/23**	**Exp.**	**: March 2028**

S.R	Test	Specification	Observation
1	**Description**	White crystal or White crystalline powder	White crystalline powder
2	**Assay**	99.5 % min	99.76 %
3	**pH (5% aq. solution)**	5.0 - 8.0	6.42
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 (150^0C)**	0.2% max	0.19 %

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By] **[QC Incharge]**

CHEMIST
(Priyanka)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No.B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503