



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM CHLORIDE AR**

**CAS No : 7447-40-7**

**Mol. Formula : KCl**

**Mol. WT : 74.56**

**Date of analysis : 30/06/22**

**Product code : 24840**

**Batch No. : MCRT-24036-01**

**Mfd. : June 2022**

**Exp. : May 2027**

S.R	Test	Specification	Observation
1	<b>Description</b>	White crystal or White crystalline powder	White crystalline powder
2	<b>Assay</b>	99.5 % min	99.58%
3	<b>pH (5% aq. solution)</b>	5.0 - 8.0	7.30
4	<b>Water insoluble matter</b>	0.003 % max	0.002%
5	<b>Bromide (Br) &amp; Iodide (I)</b>	0.005% max	< 0.005%
6	<b>Nitrate (NO<sub>3</sub>)</b>	0.001% max	<0.001%
7	<b>Phosphate (PO<sub>4</sub>)</b>	0.005% max	< 0.005%
8	<b>Sulphate (SO<sub>4</sub>)</b>	0.003% max	<0.003%
9	<b>Ammonium (NH<sub>4</sub>)</b>	0.001% max	< 0.001%
10	<b>Barium (Ba)</b>	0.001% max	< 0.001%
11	<b>Calcium (Ca)</b>	0.001% max	< 0.001%
12	<b>Iron (Fe)</b>	0.0002% max	< 0.0002%
13	<b>Lead (Pb)</b>	0.0005% max	< 0.0005%
14	<b>Magnesium (Mg)</b>	0.001% max	< 0.001%
15	<b>Sodium (Na)</b>	0.05% max	< 0.05%
16	<b>Loss on drying (150<sup>0</sup>C)</b>	0.2% max	0.18%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

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

**Note:** Computer generated image requires no sign

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