



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: POTASSIUM CHLORIDE AR**

**CAS No** : 7447-40-7  
**Mol. Formula** : KCl  
**Mol. WT** : 74.56  
**Date of analysis** : 06/05/19

**Product code** : 24840  
**Batch No** : MCRT-18644  
**Mfd.** : May 2019  
**Exp.** : April 2024

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	99.74 %
3	<b>pH (5% aq. solution)</b>	5.0 - 8.0	5.90
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	0.14%

**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

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