



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM BICARBONATE LR**

<b>CAS No</b>	<b>: 298-14-6</b>	<b>Product code</b>	<b>: 16980</b>
<b>Mol. Formula</b>	<b>: KHCO<sub>3</sub></b>	<b>Batch No</b>	<b>: MCR-27744</b>
<b>Mol. WT</b>	<b>: 100.12</b>	<b>Mfd.</b>	<b>: Feb. 2023</b>
<b>Date Of Analysis</b>	<b>: 25/02/23</b>	<b>Exp.</b>	<b>: Jan. 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless crystals or white crystalline powder.	White crystalline powder.
2	<b>Assay (by acidimetric)</b>	99.5-102.0%	99.81%
3	<b>pH (1% water)</b>	8.0 - 8.6	8.36
4	<b>Chloride (Cl)</b>	0.007% max	< 0.007%
5	<b>Sulphate (SO<sub>4</sub>)</b>	0.01 % max	< 0.01 %
6	<b>Arsenic(As)</b>	0.0002 % max	< 0.0002 %
7	<b>Heavy metals (as Pb)</b>	0.0005% max	< 0.0005%
8	<b>Iron (Fe)</b>	0.001% max	< 0.001%
9	<b>Sodium (Na)</b>	0.03% max	< 0.03%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Asmita)**

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

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

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