



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM BICARBONATE LR**

**CAS No : 298-14-6**  
**Mol. Formula : KHCO<sub>3</sub>**  
**Mol. WT : 100.12**

**Product code : 16980**  
**Batch No. : MCR-25306**  
**Exp. : Feb. 2027**

| S. R | Test                        | Specification                                    | Observation               |
|------|-----------------------------|--|---------------------------|
| 1    | Description                 | Colourless crystals or white crystalline powder. | White crystalline powder. |
| 2    | Assay (by acidimetric)      | 99.5-102.0%                                      | 100.80%                   |
| 3    | pH (1% water)               | 8.0 - 8.6  | 8.58                      |
| 4    | Chloride (Cl)               | 0.007% max                                       | < 0.007%                  |
| 5    | Sulphate (SO <sub>4</sub> ) | 0.01 % max                                       | < 0.01 %                  |
| 6    | Arsenic(As)                 | 0.0002 % max                                     | < 0.0002 %                |
| 7    | Heavy metals (as Pb)        | 0.0005% max                                      | < 0.0005%                 |
| 8    | Iron (Fe)                   | 0.001% max                                       | < 0.001%                  |
| 9    | Sodium (Na)                 | 0.03% max  | < 0.03%                   |

**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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