



CERTIFICATE OF ANALYSIS

PRODUCT NAME : POTASSIUM BICARBONATE LR

CAS No : 298-14-6
Mol. Formula : KHCO₃
Mol. WT : 100.12
Date of analysis : 23/04/22

Product code : 16980
Batch No : MCR-25501
Mfd. : April 2022
Exp. : March 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% | 99.84% |
| 3 | pH (1% water) | 8.0 - 8.6 | 8.12 |
| 4 | Chloride (Cl) | 0.007% max | < 0.007% |
| 5 | Sulphate (SO₄) | 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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