



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : BARIUM CHLORIDE DIHYDRATED AR**

**CAS No : 10326- 27- 9**

**Mol. Formula : BaCl<sub>2</sub>.2H<sub>2</sub>O**

**Mol. WT : 244.28**

**Date of Analysis : 13/04/23**

**Product code : 22120**

**Batch No. : MCRT-28098**

**Mfd. : April 2023**

**Exp. : March 2028**

| S.R | Test                       | Specification                                    | Observation          |
|-----|----------------------------|--------------------------------------------------|----------------------|
| 1   | Description                | Colourless crystals or white crystalline powder. | Colourless crystals. |
| 2   | Assay (ex Cl)              | 99.0-100.5%w/w                                   | 99.14%               |
| 3   | Reaction                   | pH 5.0 -8.0                                      | 6.04                 |
| 4   | Insoluble matter           | 0.005% max                                       | 0.002%               |
| 5   | Nitrate (NO <sub>3</sub> ) | 0.001% max                                       | <0.001%              |
| 6   | Calcium (Ca)               | 0.01% max                                        | <0.01%               |
| 7   | Copper (Cu)                | 0.0005% max                                      | <0.0005%             |
| 8   | Iron (Fe)                  | 0.0002% max                                      | <0.0002%             |
| 9   | Lead (Pb)                  | 0.0005% max                                      | <0.0005%             |
| 10  | Potassium (K)              | 0.004% max                                       | <0.004%              |
| 11  | Sodium (Na)                | 0.005%max                                        | <0.005%              |
| 12  | Strontium (Sr)             | 0.05%max                                         | <0.05%               |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Sonu)**

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

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

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