



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : SILVER NITRATE AR**

**CAS No : 7761-88-8**

**Mol. Formula : AgNO<sub>3</sub>**

**MW : 169.87**

**Date of analysis : 25/06/20**

**Product code : 25360**

**Batch No : MCR-21477**

**Mfd. : June 2020**

**Exp. : May 2025**

| S.R | Test                        | Specification                              | Observation                    |
|-----|-----------------------------|--------------------------------------------|--------------------------------|
| 1   | Description                 | Colourless crystals or crystalline powder. | Colourless crystalline powder. |
| 2   | Assay                       | 99.9% w/w min                              | 99.97%w/w                      |
| 3   | Alcohol insoluble matter    | passes test                                | passes test                    |
| 4   | Water insoluble matter      | 0.003% max                                 | 0.001%                         |
| 5   | Chloride (Cl)               | 0.0005% max                                | < 0.0005%                      |
| 6   | Sulphate (SO <sub>4</sub> ) | 0.0025% max                                | < 0.0025%                      |
| 7   | Bismuth (Bi)                | 0.0005%max                                 | < 0.0005%                      |
| 8   | Copper (Cu)                 | 0.0002%max                                 | < 0.0002%                      |
| 9   | Iron (Fe)                   | 0.0003% max                                | < 0.0003%                      |
| 10  | Sodium (Na)                 | 0.002%max                                  | < 0.002%                       |
| 11  | Lead (Pb)                   | 0.0005%max                                 | < 0.0005%                      |
| 12  | Magnesium (Mg)              | 0.001%max                                  | < 0.001%                       |
| 13  | Potassium (K)               | 0.01%max                                   | < 0.01%                        |

**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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