



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : ALUMINIUM NITRATE (NONAHYDRATE)**

**CAS No : 7784-27-2**

**Mol. Formula :  $\text{Al}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$**

**Mol. WT : 375.13**

**Date of Analysis : 19/02/23**

**Product code : 11530**

**Batch No : MCR-27687**

**Mfd. : Feb. 2023**

**Exp. : Jan. 2028**

| S.R | Test                       | Specification                                                    | Observation                       |
|-----|----------------------------|------------------------------------------------------------------|-----------------------------------|
| 1   | Description                | Colourless to white deliquescent crystals or crystalline powder. | Colourless deliquescent crystals. |
| 2   | Assay                      | 98 % min                                                         | 99.85%                            |
| 3   | Chloride (Cl)              | 0.01 % max                                                       | < 0.01%                           |
| 4   | Sulphate ( $\text{SO}_4$ ) | 0.01 % max                                                       | < 0.01%                           |
| 5   | Sodium(Na)                 | 0.01 % max                                                       | < 0.01 %                          |
| 6   | Iron (Fe)                  | 0.005 % max                                                      | < 0.005 %                         |
| 7   | Potassium (K)              | 0.01 % max                                                       | < 0.01 %                          |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Jyoti)**

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

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

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