

## 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** : 28/03/25

**Product code** : 11530  
**Batch No** : MCR-33569  
**Mfd.** : March 2025  
**Exp.** : Feb. 2030

| S.R | Test                       | Specification                                                   | Observation              |
|-----|----------------------------|-----------------------------------------------------------------|--------------------------|
| 1   | Description                | Colouless to white deliquescent crystals or crystalline powder. | White crystalline powder |
| 2   | Assay                      | 98 % min                                                        | 98.42%                   |
| 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]**



**CHEMIST  
(Sayli)**



**[QC Incharge]**



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

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