

**Aluminium nitrate LR**  
(Product code-12045)

General:

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Description       | Colourless deliquescent crystalline powder.          |
| CAS No.           | 7784-27-2                                            |
| Molecular Formula | Al(NO <sub>3</sub> ) <sub>3</sub> .9H <sub>2</sub> O |
| Formula weight    | 375.13                                               |
| Other names       | -                                                    |

Specification:

| No | Specification               | Unit | Limit                                       |
|----|-----------------------------|------|---------------------------------------------|
| 1  | Physical form               |      | Colourless deliquescent crystalline powder. |
| 2  | Assay (ex CI)               | %    | 98.0 Min                                    |
| 3  | Chloride (CI)               | %    | 0.005 Max                                   |
| 4  | Sulphate (SO <sub>4</sub> ) | %    | 0.01 Max                                    |
| 5  | Iron (Fe)                   | %    | 0.02 Max                                    |
| 6  | Potassium (K)               | %    | 0.01 Max                                    |
| 7  | Sodium (Na)                 | %    | 0.01 Max                                    |

|               |                   |                  |               |
|---------------|-------------------|------------------|---------------|
| Prepared by : | Mineshbhai Mistry | Date: 17/10/2005 | Issue # 01    |
| Checked by :  | Ashok Jariwala    | Page 1 of 4      | Revision # 00 |