



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : POTASSIUM NITRATE PURIFIED**

|                         |                          |                     |                     |
|-------------------------|--------------------------|---------------------|---------------------|
| <b>CAS No</b>           | <b>: 7757-79-1</b>       | <b>Product code</b> | <b>: 17340</b>      |
| <b>Mol. Formula</b>     | <b>: KNO<sub>3</sub></b> | <b>Batch No</b>     | <b>: MCR-29548</b>  |
| <b>Mol. WT</b>          | <b>: 101.11</b>          | <b>Mfd.</b>         | <b>: Oct. 2023</b>  |
| <b>Date of Analysis</b> | <b>: 19/10/23</b>        | <b>Exp.</b>         | <b>: Sept. 2028</b> |

| S.R | Test                             | Specification                                    | Observation               |
|-----|----------------------------------|--|---------------------------|
| 1   | <b>Description</b>               | Colourless crystals or white crystalline powder. | White crystalline powder. |
| 2   | <b>Assay</b>                     | 99 % w/w min.                                    | 99.39%                    |
| 3   | <b>Chloride(Cl)</b>              | 0.02 % max                                       | < 0.02 %                  |
| 4   | <b>Sulphate (SO<sub>4</sub>)</b> | 0.02 % max                                       | < 0.02 %                  |
| 5   | <b>Sodium (Na)</b>               | 0.5 % max  | < 0.5 %                   |

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

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

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