

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : SODIUM ARSENATE AR**

|                         |  |                     |                |
|-------------------------|--|---------------------|----------------|
| <b>CAS No</b>           | : 10048-95-0   | <b>Product code</b> | : 25460        |
| <b>Mol. Formula</b>     | : Na <sub>2</sub> HAsO <sub>4</sub> ·7H <sub>2</sub> O | <b>Batch No</b>     | : MCR-22439-02 |
| <b>Mol. WT</b>          | : 312.01   | <b>Mfd.</b>         | : Nov. 2023    |
| <b>Date of analysis</b> | : 18/11/23   | <b>Exp.</b>         | : Oct. 2028    |

| S.R | Test                             | Specification   | Observation              |
|-----|----------------------------------|---|--------------------------|
| 1   | <b>Description</b>               | White or Almost white crystalline powder or crystals. | White crystalline powder |
| 2   | <b>Assay (iodometric)</b>        | 98.5 % min  | 99.68%                   |
| 3   | <b>pH (5% aq.solution)</b>       | 8.5-9   | 8.94                     |
| 4   | <b>Insoluble matter</b>          | 0.005% max  | 0.003%                   |
| 5   | <b>Arsenite</b>                  | 0.01%max  | <0.01%                   |
| 6   | <b>Chloride(Cl)</b>              | 0.001 %max  | < 0.001 %                |
| 7   | <b>Sulphate (SO<sub>4</sub>)</b> | 0.005% max  | < 0.005%                 |
| 8   | <b>Nitrate(NO<sub>3</sub>)</b>   | 0.002%max   | <0.002%                  |
| 9   | <b>Iron (Fe)</b>                 | 0.004% max  | < 0.004%                 |

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

**[Tested By]**

**CHEMIST  
(Jyoti)**

**[QC Incharge]**

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

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

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