



## **CERTIFICATE OF ANALYSIS**

**PRODUCT NAME : 4-AMINOANTIPYRINE PURISS**  
(4-Aminophenazone)

|                         |                                                     |                     |                    |
|-------------------------|-----------------------------------------------------|---------------------|--------------------|
| <b>CAS No</b>           | <b>: 83-07-8</b>                                    | <b>Product code</b> | <b>: 11740</b>     |
| <b>Mol. Formula</b>     | <b>: C<sub>11</sub>H<sub>13</sub>N<sub>3</sub>O</b> | <b>Batch No</b>     | <b>: MCR-17454</b> |
| <b>Mol. WT</b>          | <b>: 203.25</b>                                     | <b>Mfd.</b>         | <b>: Dec. 2018</b> |
| <b>Date of analysis</b> | <b>: 11/12/18</b>                                   | <b>Exp.</b>         | <b>: Nov. 2023</b> |

| S.R | Test                                | Specification                                                    | Observation                         |
|-----|-------------------------------------|------------------------------------------------------------------|-------------------------------------|
| 1   | Description                         | Yellow to Brown or yellowish brown powder or crystalline powder. | Yellowish brown crystalline powder. |
| 2   | Assay (HClO <sub>4</sub> titration) | 99 % min                                                         | 99.76%                              |
| 3   | Melting Point                       | 107-110°C                                                        | 107.5°C                             |
| 4   | Loss on drying(100°C)               | 0.5 % max                                                        | 0.09%                               |
| 5   | Sulphated ash                       | 0.1% max                                                         | 0.05%                               |
| 6   | Sensitivity to Phenol               | Passes test                                                      | Passes test                         |

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

**[Tested By]**

**[QC Incharge]**

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

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

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