



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : THIOBARBITURIC ACID AR**

|                         |  |                     |                       |
|-------------------------|--|---------------------|-----------------------|
| <b>CAS No</b>           | <b>: 504-17-6</b>  | <b>Product code</b> | <b>: 26560</b>        |
| <b>Mol. Formula</b>     | <b>: C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>O<sub>2</sub>S</b> | <b>Batch No.</b>    | <b>: MCR-21194-02</b> |
| <b>Mol. WT</b>          | <b>: 144.15</b>  | <b>Mfd.</b>         | <b>: July 2022</b>    |
| <b>Date of analysis</b> | <b>: 03/07/22</b>  | <b>Exp.</b>         | <b>: June 2027</b>    |

| S.R | Test   | Specification  | Observation           |
|-----|--|--|-----------------------|
| 1   | <b>Description</b>                             | White to cream or light yellow or buff colour powder or crystalline powder . | Cream colour powder . |
| 2   | <b>Assay (acidimetric, on dried substance)</b> | 99% min  | 99.64%                |
| 3   | <b>pH (1% water)</b>                           | 1.7 – 1.9  | 1.74                  |
| 4   | <b>Loss on drying (at 105<sup>0</sup>C)</b>    | 1% max   | 0.18%                 |

**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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