



## 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-29848</b>
<b>Mol. WT</b>	<b>: 144.15</b>	<b>Mfd.</b>	<b>: Dec. 2023</b>
<b>Date of analysis</b>	<b>: 06/12/23</b>	<b>Exp.</b>	<b>: Nov. 2028</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	99.23%
3	<b>pH (1% water)</b>	1.7 – 1.9	1.72
4	<b>Loss on drying (at 105°C)</b>	1% max	0.67%

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Durvas)**

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

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

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**Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.**

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