



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ETHIDIUM BROMIDE AR**

<b>CAS No</b>	<b>: 1239- 45- 8</b>	<b>Product code</b>	<b>: 23170</b>
<b>Mol. Formula</b>	<b>: C<sub>21</sub>H<sub>20</sub>BrN<sub>3</sub></b>	<b>Batch No.</b>	<b>: MCR-27996</b>
<b>Mol. WT</b>	<b>: 394.32</b>	<b>Mfd.</b>	<b>: March 2023</b>
<b>Date of analysis</b>	<b>: 29/03/23</b>	<b>Exp.</b>	<b>: Feb. 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	Red to purple or maroon coloured powder or crystalline powder .	Maroon coloured powder
2	<b>Assay (HClO<sub>4</sub>-titration, on dried substance)</b>	98% min	98.42%
3	<b>Absorption maxima (in Methanol)</b>	524-527 nm	524.2 nm
4	<b>Absorptivity (A1%/1 cm, λ Max., methanol, on dried substance)</b>	155-165	155.37
5	<b>Loss on drying (130<sup>o</sup>C/4 hours)</b>	7.0 % max.	1.27%
6	<b>Suitability</b>	Passes test	Passes test

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Sonu)**

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

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

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