



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ETHIDIUM BROMIDE AR**

**CAS No : 1239- 45- 8**  
**Mol. Formula : C<sub>21</sub>H<sub>20</sub>BrN<sub>3</sub>**  
**Mol. WT : 394.32**  
**Date of analysis : 14/05/23**

**Product code : 23170**  
**Batch No. : MCR-25671-01**  
**Mfd. : May 2023**  
**Exp. : April 2028**

S. R	Test	Specification	Observation
1	Description	Red to purple or maroon coloured powder or crystalline powder .	Maroon coloured powder
2	Assay (HClO <sub>4</sub> -titration, on dried substance)	98% min	98.64%
3	Absorption maxima (in Methanol)	524-527 nm	524.5 nm
4	Absorptivity (A1%/1 cm, λ Max., methanol, on dried substance)	155-165	158
5	Loss on drying (130 <sup>0</sup> C/4 hours)	7.0 % max.	2.87%
6	Suitability	Passes test	Passes test

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

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

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