

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : ETHIDIUM BROMIDE AR**

<b>CAS No</b>	: 1239- 45- 8	<b>Product code</b>	: 23170
<b>Mol. Formula</b>	: C <sub>21</sub> H <sub>20</sub> BrN <sub>3</sub>	<b>Batch No.</b>	: MCR-31169
<b>Mol. WT</b>	: 394.32	<b>Mfd.</b>	: June 2024
<b>Date of analysis</b>	: 03/06/24	<b>Exp.</b>	: May 2029

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	99.77%
3	<b>Absorption maxima (in Methanol)</b>	524-527 nm	525.00 nm
4	<b>Absorptivity (A1%/1 cm, λ Max., methanol, on dried substance)</b>	155-165	159.68
5	<b>Loss on drying (130<sup>0</sup>C/4 hours)</b>	7.0 % max.	3.81%
6	<b>Suitability</b>	Passes test	Passes test

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

**[Tested By]**



**CHEMIST  
(Sonu)**

**[QC Incharge]**



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

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

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