



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ETHIDIUM BROMIDE AR

CAS No	: 1239- 45- 8	Product code	: 23170
Mol. Formula	: C₂₁H₂₀BrN₃	Batch No	: MCR-20173
Mol. WT	: 394.32	Mfd.	: Dec. 2019
Date of analysis	: 05/12/19	Exp.	: Nov. 2024

S. R	Test	Specification	Observation
1	Description	Red to purple or maroon coloured powder or crystalline powder .	Maroon crystalline powder .
2	Assay (HClO₄-titration, on dried substance)	98% min	98.24%
3	Absorption maxima (in Methanol)	524-527 nm	526.6 nm
4	Absorptivity (A1%/1 cm, λ Max., methanol, on dried substance)	155-165	163.42
5	Loss on drying (130⁰C/4 hours)	7.0 % max.	2.8%
6	Suitability	Passes test	Passes test

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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