



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ETHIDIUM BROMIDE AR

CAS No	: 1239- 45- 8	Product code	: 23170
Mol. Formula	: C₂₁H₂₀BrN₃	Batch No.	: MCR-28792
Mol. WT	: 394.32	Mfd.	: July 2023
Date of analysis	: 16/07/23	Exp.	: June 2028

S.R	Test	Specification	Observation
1	Description	Red to purple or maroon coloured powder or crystalline powder .	Maroon coloured powder
2	Assay (HClO₄-titration, on dried substance)	98% min	98.68%
3	Absorption maxima (in Methanol)	524-527 nm	525.0nm
4	Absorptivity (A1%/1 cm, λ Max., methanol, on dried substance)	155-165	157.37
5	Loss on drying (130⁰C/4 hours)	7.0 % max.	4.53%
6	Suitability	Passes test	Passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Asmita)**

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

Note: Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**