

TMB 033 – ETHIDIUM BROMIDE (Molecular Biology Grade)

REF NO: TBL/QA/SS/LC/TMB 033	STANDARD SPECIFICATION FOR ETHIDIUM BROMIDE (Molecular Biology Grade)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: TMB 033

PRODUCT PROPERTIES

C.A.S Number	1239-45-8
Chemical Formula	C ₂₁ H ₂₀ BrN ₃
Formula weight	394.31
Functional Uses	Ethidium bromide is used to detect polymerase chain reaction products. It is also used in agarose gel electrophoresis based gel retardation assay
Standard Packaging	1 gm. & 5 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Red color powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	260 – 264°C
DNases/ RNases	None Detected
Assay	NLT – 98.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

