



17220

Ethidium Bromide extrapure, 95%

Part A

CAS : 1239-45-8

Molecular Formula : C₂₁H₂₀N₃Br

Molecular Weight : 394.32

Specifications

Appearance (Colour)	Red
Appearance (Form)	Crystalline Powder
Solubility (Turbidity) 0.5% aq. solution	Clear
Solubility (Colour) 0.5% aq. solution	Red
Assay (UV)	min.95%
A 1% aq.	140 - 160
lambda max	478nm - 482nm
Suitability for use in gel Electrophoresis	Passes

Other Information

Notes

Ethidium Bromide is a fluorescent dye commonly used to stain nucleic acids in Agarose Gel electrophoresis.

The dye intercalates between the bases of the nucleic acids and when exposed to UV light fluoresces with an orange colour.

Stock solutions are prepared as a 10mg/ml aqueous solution and stored at room temperature in dark bottles.

It is generally incorporated into the Agarose gel at a concentration of 0.5ug/ml.

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	UN No.:2811 , IMCO Class No.:6.1 , Packing Group:I
HSN Code	
1 Gms	29420090 (GST 18%)
5 Gms	29420090 (GST 18%)

Available Packages

1 Gms

5 Gms

Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com
