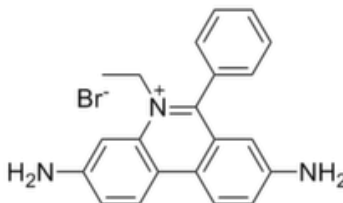


Product Information

ETHIDIUM BROMIDE 98% AR

(3,8-Diamino-5-Ethyl-6- Phenylphenanthridiniumbromide)



Product Code	O-5085	Grade	Analytical Reagent
Purity	98 %	CAS No	1239-45-8
Molecular Formula	C ₂₁ H ₂₀ BrN ₃	Molecular Weight	394.32 g/mol
H.S.Code	2933.9990	Shelf Life	60 Months

Physical Properties

Physical state	Powder	Melting point	260 - 262 °C
Colour	Dark red	Density	1,01 g/cm ³ at 20 °C
pH	4 – 7 at 25 °C		

Packaging

1 g

Specification

Appearance	Dark red crystalline powder
Assay [by HClO ₄ titration; on anhydrous basis]	min 98.0 %
Absorption maxima in methanol	524 - 527 nm
Absorptivity (A 1%/1 cm; at λ max; in 50% methanol; on dried substances)	155 - 165
Loss on drying (at 130 °C; 4 hrs)	max 7 %
Solubility (10 mg/ml in water)	Clear red to dark red solution

Safety Information and Hazard Symbols



Symbol: GHS06, GHS08

Signal Word: Danger

UN No.: 2811

IMCO Class No.: 6.1

Packing Group: I

Hazardous Statement: H302-H330-H341

Precaution Statement: P202-P260-P264-P271-P301+P312-P304+P340+P310

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