



## Specification

### Ethidium Bromide

**Catalog Number:** EB1001  
**CAS Number:** 1239-45-8  
**Synonyms:** Homidium Bromide; EtBr; 3,8-Diamino-5-ethyl-phenylphenanthridinium bromide  
**Molecular Formula:** C<sub>21</sub>H<sub>20</sub>BrN<sub>3</sub>  
**Molecular Weight:** 394.31

Test	Specification
Description:	Dark Red to purple crystalline powder
Identification:	Conforms to standard and structure
Assay:	> 98.0%
Loss on drying @105 Deg.C:	5% maximum
pH (2.0% w/v in H <sub>2</sub> O):	4 to 7
Melting Point:	260 – 262 Deg. C
Solubility (10 mg + 1 ml of H <sub>2</sub> O):	Red solution

Approved:

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