

# Chem-Impex International, Inc.

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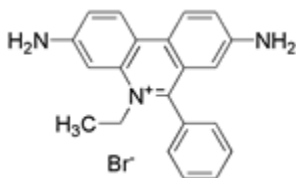
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	00666
<b>Product</b>	<b>Ethidium bromide</b>
	2,7-Diamino-10-ethyl-9-phenylphenanthridinium bromide
	Homidium bromide
<b>CAS Number</b>	1239-45-8
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>20</sub> BrN <sub>3</sub>
<b>Molecular Weight</b>	394.32
<b>Warnings</b>	<i>Irritant! Mutagen!</i>
<b>Appearance</b>	Dark red to purple color powder
<b>Solubility</b>	Soluble in water
<b>Melting Point</b>	260 - 262 °C
<b>Cation</b>	Iron : To pass test
<b>pH</b>	4 - 7
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 10%
<b>Related Substances</b>	To pass test
<b>Sulfated Ash</b>	≤ 0.2%
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at RT

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**For Laboratory Use Only**