

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	42535
<b>Lot Number</b>	003511-221209
<b>Product</b>	<b>Propidium iodide solution ((1.0 mg/ml in</b> 3,8-Diamino-5-(3-diethylaminopropyl)-6-phenylphenanthridinium 3,8-Diamino-5-[3-(diethylmethylammonio)propyl]-6-
<b>CAS Number</b>	25535-16-4
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>34</sub> I <sub>2</sub> N <sub>4</sub>
<b>Molecular Weight</b>	668.39

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<b>Appearance</b>	Orange red liquid
<b>UV Ratios</b>	Absorption spectrum : λ (Potassium phosphate buffer) : 490 nm λ <sub>max.</sub> : 6058
<b>Purity by HPLC</b>	100%
<b>Purity by TLC</b>	99% (Single spot)
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Optical density : 8.5 (1 mg/mL in water)
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager