

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	42043
<b>Lot Number</b>	001435-0000059284
<b>Product</b>	<b>Reichardt's dye</b> 2,6-Diphenyl-4-(2,4,6-triphenyl-1-pyridinio)phenolate 2,6-Diphenyl-4-(2,4,6-triphenylpyridinio)phenolate
<b>CAS Number</b>	10081-39-7
<b>Molecular Formula</b>	C <sub>41</sub> H <sub>29</sub> NO
<b>Molecular Weight</b>	551.68

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<b>Appearance</b>	Black powder
<b>Elemental Analysis (Found)</b>	C = 85.6% and N = 2.3%
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity</b>	> 95% (NMR)
<b>Grade</b>	suitable for Hematology & Histology
<b>Storage</b>	Store at RT
<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