

# Chem-Impex International, Inc.

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825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	01799
<b>Product</b>	<b>Pyronin Y</b>
<b>Lot Number</b>	002126-01-22-23
	Pyronin G
<b>CAS Number</b>	92-32-0
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>19</sub> N <sub>2</sub> OCl
<b>Molecular Weight</b>	302.81

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<b>Appearance</b>	Reddish green powder
<b>Solubility</b>	Dark red solution
<b>Water Content (Karl Fisher)</b>	3.9%
<b>Infrared Spectrum</b>	Conforms to structure
<b>UV Ratios</b>	Absorption (Spectrophotometric assay conc. 5 mg/Lit in 50% aqueous alcohol) : $\lambda_{\max}$ . at 551 nm : 0.809 $\lambda_{\max}$ . at 254 nm : 0.341
<b>Extinction Co-Efficient</b>	E (551 nm) : 48993 E (254 nm) : 20650
<b>Dye content</b>	51.16%
<b>Grade</b>	Certifiable Grade
<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