



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-203754-SL  
Lot Number: SAMPLE  
Product Name: Pyronin B  
CAS Number: 2150-48-3  
Molecular Formula:  $C_{42}H_{54}N_4O_2 \cdot 2FeCl_4$   
Molecular Weight: 1042.22

Test	Specification	Result
Appearance	Dark Green Powder	Complies
Identification (FTIR)		Complies
Solubility	Red to very dark red solution	Dark Red solution
Extinction Coefficient	$E(555.0 \text{ nm} \pm 3 \text{ nm}) = 145000 \text{ Min.}$	$E(555.0 \text{ nm}) = 148212$
Dye Content	$\geq 40\%$	40.86%
Moisture	$\leq 5.0 \% \text{ by LOD}$	1.52%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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