



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-216026  
Lot Number: SAMPLE  
Product Name: True Blue Chloride  
CAS Number: 71431-30-6  
Molecular Formula:  $C_{20}H_{18}Cl_2N_4O_2$   
Molecular Weight: 417.29

Test	Specification	Result
Appearance		Yellow solid
Purity (HPLC)	$\geq 90\%$ at 254 nm	97% at 254 nm
Absorption Excitation	$375 \pm 3$ nm in Methanol	375 nm
Extinction Coefficient	$85,000 \pm 12,000$ cm <sup>-1</sup> M <sup>-1</sup> in Methanol	92,200 cm <sup>-1</sup> M <sup>-1</sup>
Fluorescence Emission Max	$403 \pm 4$ nm in Methanol	402 nm

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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