



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-258048A
Lot Number: SAMPLE
Product Name: Protoporphyrin IX disodium salt
CAS Number: 50865-01-5
Molecular Formula: $C_{34}H_{32}N_4O_4 \cdot 2Na$
Molecular Weight: 606.62

Test	Specification	Result
Appearance	Red to very dark red and purple to very dark purple and brown to very dark brown and very dark red brown powder	Very dark red brown powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 90.0\%$	98.3%
Extinction Coefficient	≥ 120000	177035
Wavelength	403 - 409 nm (c = 0.003 g/l in 1 M HCl)	407 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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