



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-236173
Lot Number: SAMPLE
Product Name: Nickel(II) phthalocyanine-tetrasulfonic acid tetrasodium salt
CAS Number: 27835-99-0
Molecular Formula: $C_{32}H_{12}N_8Na_4NiO_{12}S_4$
Molecular Weight: 979.40

Test	Specification	Result
Appearance	Blue to dark blue, dark purple or black powder or crystals	Very dark purple powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Identification (TLC)	Consistent With Control	Complies
Solubility	Dark Blue (c=1%, H ₂ O)	Very dark blue
Extinction Coefficient	> 40000	50366
Wavelength	620 - 626 nm (C=0.01 G/L Water)	625 nm
Carbon Content	34.0 - 36.5%	34.7%
Nitrogen Content	10.5 - 14.5%	10.7%

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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