

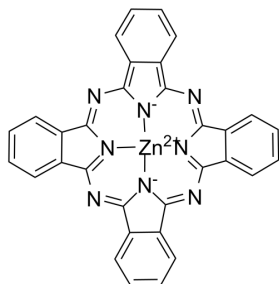
Certificate of Analysis

Product Name:	Zinc phthalocyanine
Cat. No.:	HY-19204
CAS No.:	14320-04-8
Batch No.:	41572
Chemical Name:	Zinc, [29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-4-1)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₂ H ₁₆ N ₈ Zn
Molecular Weight:	577.90
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light brown to black (Solid)
¹ H NMR Spectrum:	Consistent with structure
Purity (NMR):	>98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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