



CERTIFICATE OF ANALYSIS

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1. Identification

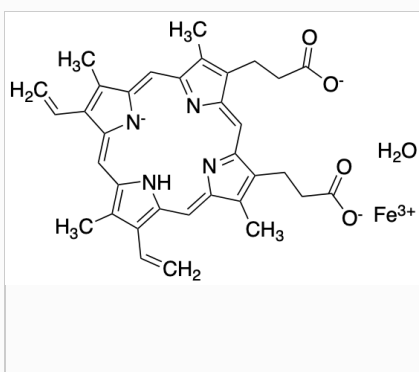
Catalogue Number: H235303

CAS Number: 15489-90-4

Product: Hematin

Synonym: Haematin; Hydroxy[dihydrogen Protoporphyrin IX-ato(2-)]iron; Hydroxyhemin; Phenodin; Protohematin; [Dihydrogen 3,7,12,17-tetramethyl-8,13-divinyl-2,18-porphinedipropionato(2-)]hydroxyiron; Ferriheme Hydroxide; Ferriporphyrin Hydroxide;

Structure:



Molecular Formula:

$C_{34}H_{33}N_4O_5Fe$

Molecular weight:

633.49

Source of Product:

N/A

Solubility:

DMF (Slightly), DMSO (Slightly), Pyridine (Slightly)

Lot Number: 2023-CPO-107

Purity: N/A

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Black Solid	Black Solid
FT-IR	Conforms to Structure	Conforms
UV Absorbance	Report Result	267 nm, 398 nm, 564 nm
Water Content	Report Result	2.9% by Karl Fischer

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	5/12/2023	5/10/2027