



CERTIFICATE OF ANALYSIS

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1. Identification

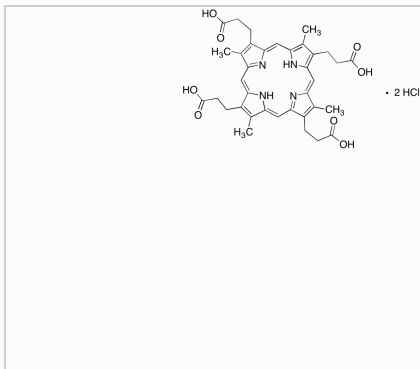
Catalogue Number: C685413

CAS Number: 69477-27-6

Product: Coproporphyrin I Dihydrochloride,
>80% (contains Coproporphyrin III)

Synonym: 3,8,13,18-Tetramethyl-21H,23H-porphine-
2,7,12,17-tetrapropanoic Acid
Dihydrochloride;

Structure:



Molecular Formula:

C₃₆H₄₀Cl₂N₄O₈

Molecular weight:

727.63

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol
(Slightly)

Lot Number: 711966138-2-2

Purity: >80%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Dark Purple to Very Dark Purple Solid	Very Dark Purple Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	84.09% (395 nm)
MS	Conforms to Structure	Conforms
Chloride Content	Report Result	9.3%
Elemental Analysis	Conforms	%C: 58.01, %H: 5.57, %N: 7.50

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
Henry Tieu	Toni Rantanen	Chanell Chu	3/8/2024	3/6/2028