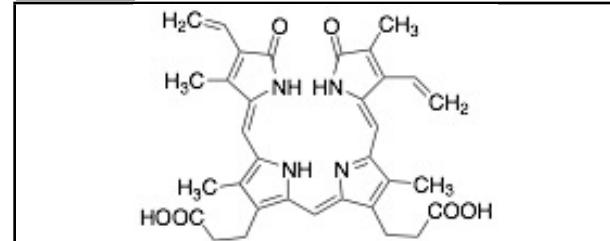


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number B386400 Lot Number 14-JMR-10-3

Product Name
Biliverdine (Technical Grade)

StructureSynonyms

3,18-Diethyl-1,19,22,24-tetrahydro-2,7,13,17-tetramethyl-1,19-dioxo-21H-biline-8,12-dipropanoic Acid; Biliverdin; Biliverdin IX α ; Dehydrobilirubin; NSC 62793; Oocyan; Protobiliverdin IX α ; Uteroverdine; α -Biliverdin;

CAS Number

114-25-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₃₃H₃₄N₄O₆Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Light sensitive

Molecular Weight

582.65

Purity

Technical Grade

2. Warnings

Light Sensitive

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Dark Green to Black Solid	Dark Green Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			10/7/2024	10/5/2028

Nicole Yip
Product Quality Specialist

Toni Rantanen
Manager, Quality Assurance

Chanell Chu
Quality Assurance Associate