

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-01 17:58:06

Date of Next Testing: 2026-07-31 17:58:06

Product Name: **Protoporphyrin IX disodium salt**

CAS Number: 50865-01-5

Specifications & Purity: $\geq 90\%$ (HPLC)

Lot #: G2327256

SKU #: **P463193**

Analysis: **253473**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC area)	90-100 (%)	96.00%
Appearance(P463193)	Red to Very Dark Red and Purple to Very Dark Purple and Brown to Very Dark Brown and Very Dark Red-Brown Powder	Red to Very Dark Red and Purple to Very Dark Purple and Brown to Very Dark Brown and Very Dark Red-Brown Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
ICP: Confirms Sodium Component	Confirmed	Confirmed



John Su
QA & QC Manager