

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-07 13:25:33

Date of Next Testing: 2026-12-06 13:25:33

Product Name: **1-Chloroanthraquinone**

CAS Number: 82-44-0

Specifications & Purity: $\geq 98.0\%$

Lot #: L2203307

SKU #: **C124325**

Analysis: **143511**

Parameter	Limit Values	Result
Melting point	160-165 (°C)	161.73000 °C
Purity(GC)	98-100 (%)	98.01 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot Toluene	almost transparency	almost transparency
Appearance (C124325)	yellow powder	yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager