

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-06 10:29:51

Date of Next Testing: 2025-05-05 10:29:51

Product Name: **Purpurin**

CAS Number: 81-54-9

Specifications & Purity: $\geq 95\%$

Lot #: D2324500

SKU #: **P136888****Analysis: 190831**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.45600 %
Lambda max (MeOH)	470-490 (nm)	481.00 nm
Absorbance(E1% 1cm)(MeOH,481.0 nm)	≥ 300	300.10
Appearance (P136888)	orange to red or brown powder	orange to red or brown powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager