

Certificate of Analysis

Date of Testing: 2023-05-05 16:54:58

Date of Next Testing: 2025-05-04 16:54:58

Product Name: **Purpurin**

CAS Number: 81-54-9

Specifications & Purity: $\geq 95\%$

Lot #: D2326911

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