

Certificate of Analysis

Date of Testing: 2022-05-31 21:03:02

Date of Next Testing: 2024-05-30 21:03:02

Product Name: **Purpurin**

CAS Number: 81-54-9

Specifications & Purity: $\geq 95\%$

Lot #: E2225298

SKU #: **P136888**

Analysis: **081479**

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.61100 %
Lambda max (MeOH)	470-490 (nm)	481.00 nm
Absorbance(E1% 1cm)(MeOH,481.0 nm)	≥ 300	318.81
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