

Certificate of Analysis

Date of Testing: 2023-05-05 16:50:57

Date of Next Testing: 2025-05-04 16:50:57

Product Name: **Purpurin**

CAS Number: 81-54-9

Specifications & Purity: $\geq 95\%$

Lot #: D2326910

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 |



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QA & QC Manager