

## Certificate of Analysis

Date of Testing: 2023-05-10 13:05:28  
Date of Next Testing: 2025-04-29 13:05:28  
Product Name: **Shikonin**  
CAS Number: 517-89-5  
Specifications & Purity: analytical standard ,  $\geq 98\%$   
Lot #: E2306022  
SKU #: **S115193**  
**Analysis:** **085412**  
Storage Temperature: Store at 2-8°C

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                            | 98-100 (%)            | 99.44100 %            |
| Appearance (S115193)                                    | red to brown powder   | red to brown powder   |
| Proton NMR spectrum                                     | Conforms to Structure | Conforms to Structure |
| Solubility in MeOH , Light Red to Brown, Clear, 1 mg/mL | pass                  | Pass                  |



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QA & QC Manager