

## Certificate of Analysis

Date of Testing: 2022-06-24 15:08:37  
Date of Next Testing: 2024-06-13 15:08:37  
Product Name: **Shikonin**  
CAS Number: 517-89-5  
Specifications & Purity: analytical standard ,  $\geq 98\%$   
Lot #: F2222477  
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



John Su  
QA & QC Manager