

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-19 09:43:00  
Date of Next Testing: 2027-09-19 09:43:00  
Product Name: **Plumbagin**  
CAS Number: 481-42-5  
Specifications & Purity: 98%  
Lot #: L2102053  
SKU #: **P170552**  
Version: **0**  
Analysis #: **412369**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.28400 %
Melting point	76-79 (°C)	76.04800 °C
Appearance (P170552)	Light Orange to Very Dark Orange Powder or Crystal	Light Orange to Very Dark Orange Powder or Crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager