

## Certificate of Analysis

Date of Testing: 2023-05-06 16:41:28  
Date of Next Testing: 2027-05-05 16:41:28  
Product Name: **Paeoniflorin**  
CAS Number: 23180-57-6  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: D2326969  
SKU #: **P101691**  
**Analysis:** **218576**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-15--11 ( $^{\circ}$ )	-12.60 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.56800 %
Water by Karl Fischer	0-3 (%)	1.10 %
Appearance (P101691)	white powder or solid	white powder or solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Clear Colorless , 1 mg/mL	pass	Pass



John Su  
QA & QC Manager