

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-10 13:29:03  
Date of Next Testing: 2027-08-09 13:29:03  
Product Name: **Dihydrocytochalasin B**  
CAS Number: 39156-67-7  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: K1908035  
SKU #: **D139525**  
**Analysis: 262475**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Melting point	202-206 ( $^{\circ}\text{C}$ )	204.61000 $^{\circ}\text{C}$
Purity(HPLC,RP C18,CH3CN:0.05%TFA 0%?100% in 20 min., 240nm)	99-100 (%)	100.00 %
Purity(TLC,RP C18 MeOH: H2O 9:1)	98-100 (%)	99.00 %
Purity(TLC,CH2Cl2: EtOAc 7: 3, spray with H2SO4)	98-100 (%)	99.00 %
Carbon by Elemental Analysis(anhydrous)	70.3-72.8 (%)	72.00 %
Purity(HPLC)	98-100 (%)	100.00000 %
Nitrogen by Elemental Analysis (anhydrous)	2.3-3.4 (%)	3.30 %
Appearance (D139525)	white powder	White powder
Identity by NMR(CDCl3)	Consistent	Consistent
Solubility,Colorless and clear(10 mg/mL, MeOH)	pass	Pass



John Su  
QA & QC Manager