

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-21 11:43:26  
Date of Next Testing: 2028-10-20 11:43:26  
Product Name: **4',6-Diamidino-2-phenylindole Dihydrochloride**  
CAS Number: 28718-90-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: J2414581  
SKU #: **D106471**  
Version: **1**  
Analysis #: **414903**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Water by Karl Fischer	0-8 (%)	5.73 %
Purity(HPLC)	98-100 (%)	98.01000 %
Appearance (D106471)	Yellow to Green Powder	Yellow to Green Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Yellow Clear(20mg/ml)	pass	Pass



John Su  
QA & QC Manager