

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-11 11:23:02  
Date of Next Testing: 2026-07-11 11:23:02  
Product Name: **Penciclovir**  
CAS Number: 39809-25-1  
Specifications & Purity:  $\geq 99\%$   
Lot #: J22111223  
SKU #: **P125160**  
Version: **0**  
Analysis #: **385312**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Carbon by Elemental Analysis	46.2-48.3 (%)	47.37 %
Nitrogen by Elemental Analysis	27-28.3 (%)	27.93 %
Loss on drying	0-1 (%)	0.50 %
Purity(HPLC)	98-100 (%)	99.95700 %
Appearance (P125160)	White to Off-White Powder	White to Off-White Powder
$^{13}\text{C}$ NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 0.02 M Potassium Phosphate	Colorless Clear(2 mg/ml)	Colorless Clear(2 mg/ml)



John Su  
QA & QC Manager