

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-16 11:13:36
Date of Next Testing: 2026-10-16 11:13:36
Product Name: **Penciclovir**
CAS Number: 39809-25-1
Specifications & Purity: $\geq 99\%$
Lot #: F1524120
SKU #: **P125160**
Version: **0**
Analysis #: **421136**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	46.2-48.3 (%)	47.10 %
Nitrogen by Elemental Analysis	27-28.3 (%)	27.10 %
Loss on drying	0-1 (%)	0.40 %
Purity(HPLC)	98-100 (%)	99.20000 %
Appearance (P125160)	White to Off-White Powder	White to Off-White Powder
^{13}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