

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-20 17:10:34
Date of Next Testing: 2029-01-19 17:10:34
Product Name: **Gemcitabine hydrochloride**
CAS Number: 122111-03-9
Specifications & Purity: $\geq 98\%$
Lot #: E1308012
SKU #: **G120180**
Version: **3**
Analysis #: **465470**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	46-49 (°)	47.10°
Purity(HPLC)	98-100 (%)	98.70000 %
Appearance (G120180)	Powder	Powder
Solubility $\geq 10 \text{ mg/mL}$ in H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager