

Certificate of Analysis

Date of Testing: 2025-04-08 10:11:12

Date of Next Testing: 2029-04-07 10:11:12

Product Name: **Gemcitabine hydrochloride**

CAS Number: 122111-03-9

Specifications & Purity: $\geq 98\%$

Lot #: F2121157

SKU #: **G120180**

Version: **3**

Analysis #: **491192**

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 (°)	48.70°
Purity(HPLC)	98-100 (%)	98.04000 %
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