

Certificate of Analysis

Date of Testing: 2023-06-05 13:56:25
Date of Next Testing: 2027-06-04 13:56:25
Product Name: **Fludarabine phosphate**
CAS Number: 75607-67-9
Specifications & Purity: 99%
Lot #: 11524056
SKU #: **F122999**
Analysis: **234320**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in H}_2\text{O})$	11-13 (°)	11.31°
Purity(HPLC)	99-100 (%)	99.07700 %
Appearance (F122999)	white powder	White powder
NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO , Colorless Clear(0.95 - 1.05 mg/ml)	Conforms	Conforms



John Su
QA & QC Manager