

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-10 21:19:33

Date of Next Testing: 2027-02-09 21:19:33

Product Name: **5-Fluorouracil**

CAS Number: 51-21-8

Specifications &amp; Purity: 99%

Lot #: B2309109

SKU #: **F100149****Analysis: 053182**

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.60300 %
Loss on drying	0-0.5 (%)	0.20 %
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
Sulfate Ash	0-0.1 (%)	0.03 %
Appearance (F100149)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NH4OH	Colorless to light yellow,Clear,50 mg/ml	Colorless to light yellow,Clear,50 mg/ml
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager