

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-18 16:14:19

Date of Next Testing: 2027-04-17 16:14:19

Product Name: **5-Fluorouracil**

CAS Number: 51-21-8

Specifications & Purity: 99%

Lot #: D2312006

SKU #: **F100149****Analysis: 158111**

| Parameter | Limit Values | Result |
|------------------------|--|--|
| Purity(HPLC) | 99-100 (%) | 99.57400 % |
| Loss on drying | 0-0.5 (%) | 0.26 % |
| Heavy metal (as Pb) | 0-20 (ppm) | 12.52 ppm |
| Sulfate Ash | 0-0.1 (%) | 0.04 % |
| Appearance (F100149) | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Solubility in 1M NH4OH | Colorless to light yellow,Clear,50 mg/ml | Colorless to light yellow,Clear,50 mg/ml |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Carbon NMR Spectrum | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager