

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-08-21 18:31:07
Date of Next Testing: 2029-08-20 18:31:07
Product Name: **5-Fluorouracil**
CAS Number: 51-21-8
Specifications & Purity: Moligand™, ≥99%
Lot #: H2512063
SKU #: **F100149**
Version: **0**
Analysis #: **461219**
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.97700 %
Loss on drying	0-0.5 (%)	0.00400 %
Heavy metal (as Pb)	0-20 (ppm)	1.10000 ppm
Sulfate Ash	0-0.1 (%)	0.00420 %
Appearance (F100149)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NH ₄ OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml
Infrared spectrum	Conforms to Structure	Conforms to Structure

