

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-11 13:46:19  
Date of Next Testing: 2026-05-11 13:46:19  
Product Name: (E)-5-(2-Bromovinyl)-2'-deoxyuridine  
CAS Number: 69304-47-8  
Specifications & Purity:  $\geq 98.0\%$ (HPLC)  
Lot #: H2206425  
SKU #: I137677  
Analysis: 356603  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> <sup>20</sup> (c=1 in MeOH)	8-10 (°)	9.84°
Purity(Neutralization titration)	97.5-102.5 (%)	99.64%
Purity(HPLC)	98-100 (%)	99.75300%
Appearance (I137677)	White to Almost white to Pale Cream Powder or Crystals	White to Almost white to Pale Cream Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility hot MeOH	Colorless to Faint Yellow, Clear, 49.0-51.0mg/ml	Colorless to Faint Yellow, Clear, 49.0-51.0mg/ml



John Su  
QA & QC Manager