

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 #: H2206424
SKU #: **I137677**
Analysis: 356603
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1)}$ 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