

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-20 16:33:03  
Date of Next Testing: 2026-05-10 16:33:03  
Product Name: **5-Bromo-2'-deoxyuridine**  
CAS Number: 59-14-3  
Specifications & Purity: 99%  
Lot #: H2204356  
SKU #: **B110731**  
Version: **0**  
Analysis #: **360105**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	20-24 (°)	23.53°
EmM at pH 1.0 at wavelength 279 - 280 nm	8.9-9.2	9.08
Purity(HPLC)	99-100 (%)	99.77300 %
Appearance (B110731)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO , Colorless to Very Faint Yellow, Clear, 50 mg/mL	Conforms	Conforms



John Su  
QA & QC Manager