

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-09 15:57:10
Date of Next Testing: 2025-02-26 15:57:10
Product Name: **5-Bromo-2'-deoxyuridine**
CAS Number: 59-14-3
Specifications & Purity: 99%
Lot #: F2124200
SKU #: **B110731**
Analysis: **196572**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _D (c=1 in H ₂ O)	20-24 (°)	23.47°
EmM at pH 1.0 at wavelength 279 - 280 nm	8.9-9.2	8.91
Purity(HPLC)	99-100 (%)	99.24700 %
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