

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-01 18:54:12
Date of Next Testing: 2028-03-21 18:54:12
Product Name: **5-Bromo-2'-deoxyuridine(BrdU)**
CAS Number: 59-14-3
Specifications & Purity: $\geq 99\%$
Lot #: C2625304
SKU #: **B110731**
Version: **0**
Analysis #: **663526**
Storage Temperature: Protected from light, Store at -20°C , Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})$	20-24 ($^{\circ}$)	23.15800 $^{\circ}$
EmM at pH 1.0 at wavelength 279 - 280 nm	8.9-9.2	9.05000
Purity(HPLC)	99-100 (%)	100.00000 %
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