

Certificate of Analysis

Date of Testing: 2022-11-17 10:22:22

Date of Next Testing: 2024-11-16 10:22:22

Product Name: **5-Ethynyl-2'-deoxyuridine(EdU)**

CAS Number: 61135-33-9

Specifications & Purity: $\geq 98\%$

Lot #: A2119324

SKU #: **E131265**

Analysis: **156426**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.20500 %
Purity(Neutralization titration)	98-100 (%)	98.14 %
Specific Rotation $[\alpha]_{20/D}(c=0.7 \text{ in } 21-25 \text{ MeOH})$ (°)		23.60°
Appearance (E131265)	White to Orange to Green to Beige powder to crystal	White to Orange to Green to Beige powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager