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Certificate of Analysis

Product Description: 5-Iodo-2'-deoxyuridine
Catalog Number: 100357
Lot: SR01586**Formula:** $C_9H_{11}IN_2O_5$ **CAS #:** 54-42-2**Physical Description:** White Powder**Formula Weight:** 354.1**Storage:** -20°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~99%	99.7% (HPLC)
FTIR	Conforms to Standard	Conforms to Standard
UV/Vis: λ max (water)	Report Result	213.6; 285.1 nm
Optical Rotation (c=1, 1N NaOH)	+28° to +37°	+31.7°

UV content (dry basis): 99%

Water (KF): 0.4%

Recommended Retest Date (MM/DD/YYYY): 08/28/2022

08/29/2019 - John Huang, PhD
MP Biomedicals, LLC.
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