

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: 5-Chloro-2'-deoxyuridine

Catalog Number: 105478

Lot: 6750K

Formula: $C_9H_{11}ClN_2O_5$

CAS #: 50-90-8

Physical Description: White Powder

Formula Weight: 262.65

Storage: -0°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	166 - 176°C	169 - 171°C
UV/Vis: □□ max (water)	276 ± 3 nm	276.5 nm

¹H NMR: Consistent with Structure

Purity (HPLC): >99%

Solubility: Colorless (20 mg in 1 ml of 1 M NH₄OH)

Recommended Retest Date: 12/14/2014

Christina Marotta

05/05/2010 - Christina Marotta

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)