



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221018
Lot Number: SAMPLE
Product Name: 5-Chloro-2'-deoxyuridine
CAS Number: 50-90-8
Molecular Formula: $C_9H_{11}ClN_2O_5$
Molecular Weight: 262.65

Test	Specification	Result
Appearance		White powder
Identification	Passes	Complies
Identification (1H -NMR)	Consistent with structure	Complies
Purity (HPLC)		> 99%
Melting Point	166 - 176 °C	169 - 171 °C
Solubility		Colorless at 20 mg in 1 ml of 1 M NH_4OH
FTIR	Consistent with standard	Complies
UV/Visible Spectrum	λ_{max} : 276 \pm 3 nm in water	276.5 nm in water

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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