

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00045
Product	5-Bromo-2'-deoxyuridine
Lot Number	001237-21151
	5-Bromo-1-(2-deoxy-b-D-ribofuranosyl)uracil
CAS Number	59-14-3
Molecular Formula	C ₉ H ₁₁ BrN ₂ O ₅
Molecular Weight	307.1

Appearance	White powder
Solubility	Soluble in 0.1N NAOH and DMF, sparingly soluble in water, slightly soluble in ethanol and acetone, practically insoluble in ether
Water Content (Karl Fisher)	0.3%
Optical Rotation	[α] _D ²⁰ = 22.4 ° (C=1 in water)
UV Ratios	Ratio of Absorbances (pH 2) A _{250/260} : 0.51 A _{280/260} : 1.89 A _{290/260} : 1.48
Purity by HPLC	99.8%
Purity by UV	103% (on dry basis)
Storage	Store at 0 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager