



Version 00
 Molecular weight 354.09
 Mfg. Date 12/13/2011
 Molecular Formula C₉ H₁₁ I N₂ O₅
 CAS No 54- 42- 2
 Linear Formula #
 Flash Point (°C)

Certificate of Analysis

This is to certify that units of the above mentioned lot number were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Unless otherwise stated, these products are not intended for dialysis, parenteral, or injectable use without further processing. The following are the actual analytical results obtained:

Catalog Number	12235	Mfg. Date	12/13/2011
Lot Number	A0313943		
Description	(+) - 5- Iodo- 2' - deoxyuridine, 99%		
Country of Origin	HONG KONG		
Declaration of Origin	synthetic		

BSE/TSE comment 1	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance		white to slightly beige crystalline powder	white crystalline powder
Infrared spectrometry		authentic	authentic
Assay Acid		≥98.5 % (on dried substance)	102.1 % (on dried substance)
Loss on drying		≤1 % (1 g, 60°C) (vacuum)	0.02 % (1 g, 60°C) (vacuum)
Specific optical rotation		+28° to +32° (20°C, 589 nm) (c=1, 1 N NaOH)	+30° (20°C, 589 nm) (c=1, 1 N NaOH)
Specific optical rotation		0° on dried substance	0° on dried substance



A handwritten signature in black ink, which appears to read "L. Van Den Broek".

L. Van Den Broek, QA Manager

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