



Version	00
Molecular weight	354.09
Quality Test / Release Date	09/17/2014
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	Quality Test / Release Date	09/17/2014
Lot Number	A0351728		
Description	(+) - 5- Iodo- 2'- deoxyuridine, 99%		
Country of Origin	CHINA		
Declaration of Origin	synthetic		

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance		white to slightly beige crystalline powder	slightly beige crystalline powder
Infrared spectrometry		authentic	authentic
Assay Acid		≥98.5 % (on dried substance)	100.5 % (on dried substance)
Loss on drying		≤1 % (1 g, 60°C) (vacuum)	0.1 % (1 g, 60°C) (vacuum)
Specific optical rotation		+28° to +32° (20°C, 589 nm) (c=1, 1 N NaOH)	+29.6° (20°C, 589 nm) (c=1, 1 N NaOH)
Specific optical rotation		on dried substance	on dried substance



A handwritten signature in black ink, appearing to read "L. Van den Broek".

L. Van den Broek, QA Manager

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Acros Organics
 ENA23, zone1, nr 1350, Janssen Pharmaceuticaaan 3a, B- 2440 Geel, Belgium
 Tel +32 14/57.52.11 - Fax +32 14/59.34.34 Internet: <http://www.acros.com>
 1 Regent Lane, Fair Lawn, NJ 07410, USA Fax 201- 796- 1329