

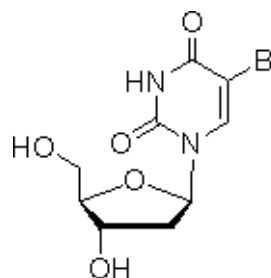
3050 Spruce Street, Saint Louis, MO 63103, USA

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## Product Specification

Product Name:  
5-Bromo-2'-deoxyuridine - BioUltra, ≥99%

**Product Number:** B9285  
**CAS Number:** 59-14-3  
**MDL:** MFCD00006529  
**Formula:** C<sub>9</sub>H<sub>11</sub>BrN<sub>2</sub>O<sub>5</sub>  
**Formula Weight:** 307.10 g/mol  
**Storage Temperature:** -20 °C



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Complete
(0.1 M in 1 M NH <sub>4</sub> OH, 20 deg C)	
Insoluble Matter	Pass
< OR = 0.1%	
Residue on ignition	Pass
< OR = 0.1%	
Aluminum (Al)	Pass
< OR = 0.0005%	
Phosphorus (P)	Pass
< OR = 0.005%	
Lead (Pb)	Pass
< OR = 0.001%	
Iron (Fe)	Pass
< OR = 0.0005%	
Copper	Pass
< OR = 0.0005%	
Zinc	Pass
< OR = 0.0005%	
Calcium	Pass
< OR = 0.01%	
Magnesium (Mg)	Pass
< OR = 0.0005%	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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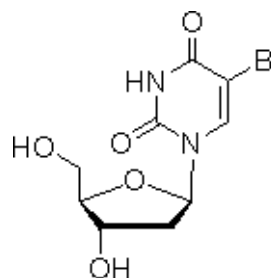
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Formula Weight:

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-20 °C

**TEST****Specification**

Sodium	Pass
< OR = 0.05%	
Potassium	Pass
< OR = 0.005%	
Ammonia	Pass
< OR = 0.05%	
Purity (HPLC)	≥ 99 %
Recommended Retest Period	-----
4 years	

Specification: PRD.1.ZQ5.10000034967

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