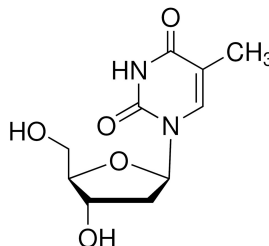


# Certificate of Analysis

**Product Name :** Thymidine ≥99%  
**Product Number :** T9250-VAR  
**Batch Number :** 0000354161  
**Source Batch :** WXBD3725V  
**CAS Number :** 50-89-5  
**MDL Number :** MFCD00006537  
**Molecular Formula :** C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>O<sub>5</sub>  
**Formula Weight :** 242.23 g/mol  
**Recommended Retest Date :** Sep 2025  
**Quality Release Date :** 29 SEP 2020



Test	Specification	Result
Appearance (Colour)	White	White
Appearance (Form)	Powder	Powder
Solubility (Colour)	Colorless	Colorless
Solubility (Turbidity) 50 mg/mL, H <sub>2</sub> O	Clear	Clear
Purity (HPLC)	≥ 99 %	99 %
EMM	9.5 - 9.7	9.7
Wavelength at pH 7.0	267 - 268 N/m	267 N/m

Kang Chen  
Quality Manager  
Wuxi, China  
CN

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.

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