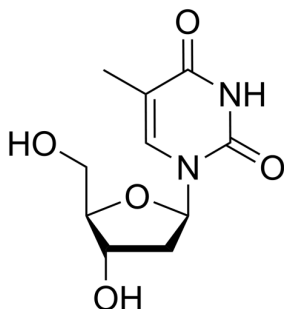


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Thymidine
<b>Cat. No.:</b>	1034101
<b>CAS No.:</b>	50-89-5
<b>Molecular Formula:</b>	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	242.23
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	Lf1213189986
<b>Storage:</b>	Storage temp. 2-8°C
<b>Test Date:</b>	2022-12-13
<b>Retest Date:</b>	2025-12-12
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	White to off-white (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	98.39%
<b>Water(KF):</b>	0.52%
<b>Residue on Ignition:</b>	0.17%
<b>OR[α](C=1 g/100ml H<sub>2</sub>O):</b>	18.3°
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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