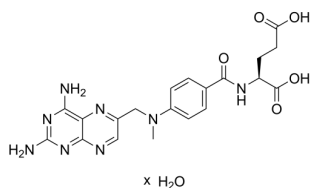


## Certificate of Analysis

### Compound Information

<b>Product Name:</b>	Methotrexate (hydrate)
<b>Cat. No.:</b>	1173657
<b>CAS No.:</b>	133073-73-1
<b>Molecular Formula:</b>	$C_{20}H_{22}N_8O_5 \cdot xH_2O$
<b>Chemical Structure:</b>	



### Batch Information

<b>Batch No.:</b>	L424689
<b>Storage:</b>	2-8°C, sealed storage, away from moisture and light
<b>Test Date:</b>	2023-11-27
<b>Retest Date:</b>	2026-11-26
<b>Origin:</b>	Shanghai, China

### QC Summary

<b>Appearance:</b>	Yellow to orange (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	98.41%
<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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