



## Certificate of Analysis

### Thymine

**Catalog Number:** TH1008  
**Lot Number:** 40879  
**CAS Number:** 65-71-4  
**Synonym(s):** 2,4-Dihydroxy-5-methylpyrimidine, 5-Methyluracil  
**Molecular Formula:**  $C_5H_6N_2O_2$   
**Molecular Weight:** 126.11  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** September 16, 2016  
**Retest Date:** August 31, 2021

Test	Specification	Result
Appearance	White to off-white crystalline powder	Conforms
Assay (HPLC)	≥ 99%	100.2%
Identification (IR)	To match standard	Conforms
Moisture (LOD)	≤ 0.5%	0.04%
Heavy Metals	≤ 10ppm	< 10ppm
Residual Solvent - Methanol	≤ 3,000	< 100pm

Approved by:

Date: May 6, 2019

John Grubb, PhD  
Gojira Fine Chemicals, LLC  
Quality Manager  
Tel: 440-539-7033 Fax: 888-211-5523  
[john@gojiraafc.com](mailto:john@gojiraafc.com)