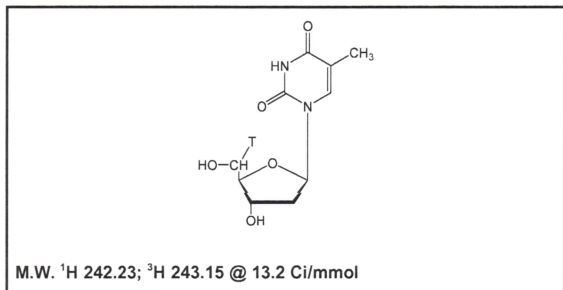


## Certificate of Analysis

**MT-846**

**Thymidine, [5'-<sup>3</sup>H]-**



**Lot #:** 373-150-0132-A-20120711-TNG

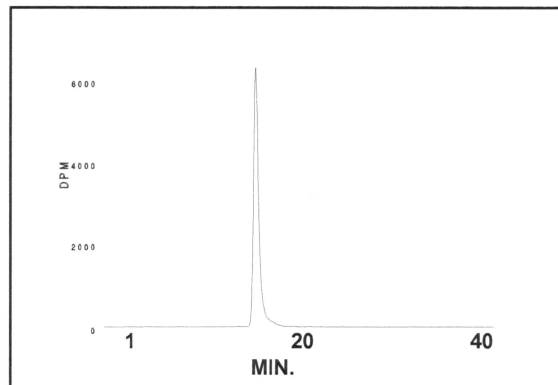
**Specific Activity:** 13.2 Ci/mmol

**Concentration:** 1.0 mCi/ml; 18.42 µg/ml

**Packaged in:** Ethanol : water (1 : 1) solution

**Date of Analysis:** February 22, 2019

**Radiochemical Purity:** 99.2%



HPLC ANALYSIS LOT 373-150-0132-A-20120711-TNG  
File Name: int25790 Date and Time: 2/22/2019 7:18:14 AM  
Unit 2 Radio

Peak #	Area %	Time	Area
1	0.05	2.56800	11.62178
2	0.07	4.48800	18.00346
3	0.10	14.22000	24.92357
4	0.06	14.53600	13.40669
5	99.23	15.55600	24058.89172
6	0.05	16.94000	12.09047
7	0.14	17.24000	34.83446
8	0.04	18.92400	10.26779
9	0.17	19.38800	41.98745
10	0.08	21.02000	18.62765
Totals	100.00		24244.65504

**Stability and Storage Recommendation:** The rate of decomposition is approximately 1%/month for the first six months after purification when stored at -20°C.

**Caution:** This material was manufactured under research grade conditions and is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not suitable for use in humans or clinical diagnosis. Responsibility for its use and compliance with federal law rests solely with the purchaser. If the compound and/or any associated information/documentation derived from its use could be used for any potential future filings, research grade is not recommended.