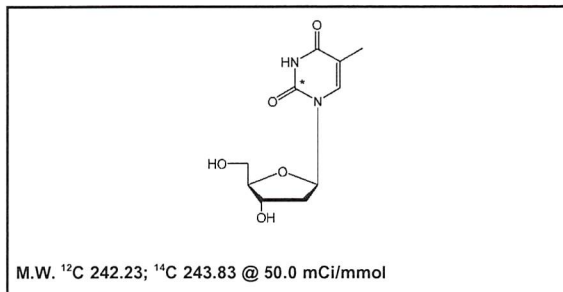


## Certificate of Analysis

**MC-104**

**Thymidine, [2-<sup>14</sup>C]-**



**Lot #:** 154-096-050-A-20120724-AAH

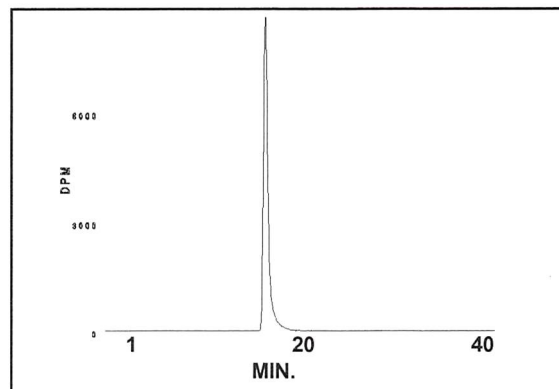
**Specific Activity:** 50.0 mCi/mmol

**Concentration:** 0.1 mCi/ml; 487.67 µg/ml

**Packaged in:** Aqueous solution

**Date of Analysis:** December 5, 2018

**Radiochemical Purity:** 99.7%



HPLC ANALYSIS LOT 154-096-050-A-20120724-AAH  
File Name: int25617 Date and Time: 12/5/2018 5:06:20 PM  
Unit 2 Radio

Peak #	Area %	Time	Area
1	99.65	16.47200	29307.48377
2	0.04	17.84000	10.47185
3	0.03	18.42400	8.42709
4	0.04	18.58800	10.30363
5	0.04	18.87200	12.57563
6	0.04	19.42000	10.63353
7	0.13	20.93600	37.24767
8	0.05	21.30800	14.42165
Totals	100.00		29411.56482

**Stability and Storage Recommendation:** The rate of decomposition is approximately 0.5%/month for the first six months after purification when stored at 0-5°C.

**Caution:** Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.