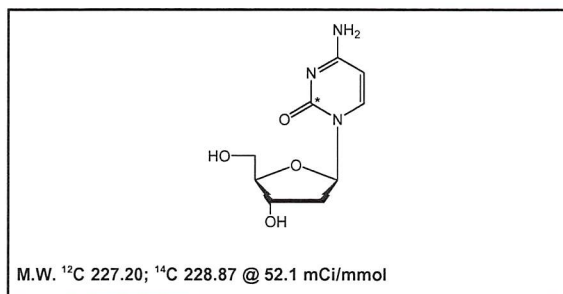


## Certificate of Analysis

**MC-150**

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



**Lot #:** 212-122-0521-A-20071203-MW

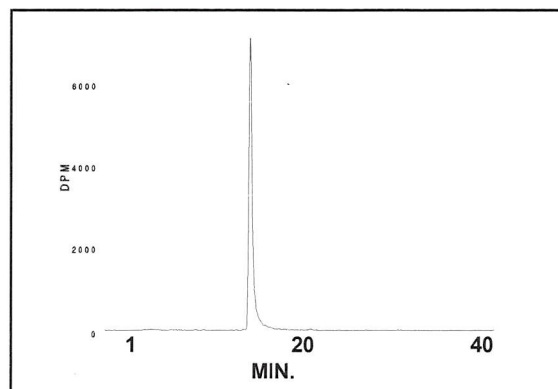
**Specific Activity:** 52.1 mCi/mmol

**Concentration:** 0.1 mCi/ml; 439.29 µg/ml

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

**Date of Analysis:** October 24, 2018

**Radiochemical Purity:** 98.1%



HPLC ANALYSIS LOT 212-122-0521-A-20071203-MW  
File Name: int25546 Date and Time: 10/24/2018 10:42:41  
Unit 2 Radio

Peak #	Area %	Time	Area
1	0.49	4.96400	92.67999
2	0.16	14.51200	29.63778
3	98.08	14.97600	18648.36179
4	0.01	16.33200	2.27800
5	0.13	16.49600	25.53359
6	0.02	16.76800	3.23481
7	0.05	17.04800	10.37798
8	0.08	17.34800	14.25939
9	0.13	17.98400	24.52441
10	0.18	18.46400	34.04940
11	0.12	19.35600	22.23825
12	0.15	20.32800	28.89303
13	0.41	21.23200	77.35095
Totals	100.00		19013.41937

**Stability and Storage Recommendation:** The rate of decomposition is approximately .1-.5%/month for the first six months after purification when stored at -20°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.