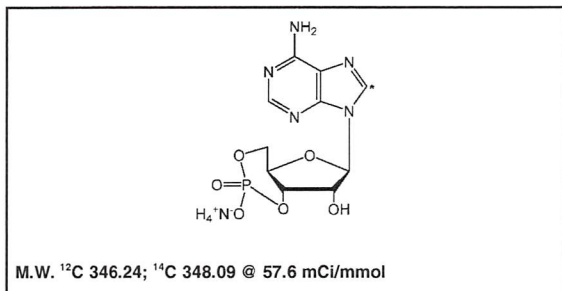


## Certificate of Analysis

**MC-157**

**Adenosine 3',5'-cyclic phosphate, ammonium salt, [8-<sup>14</sup>C]-**



**Lot #:** 848-095-0576-A-20140724-JHO

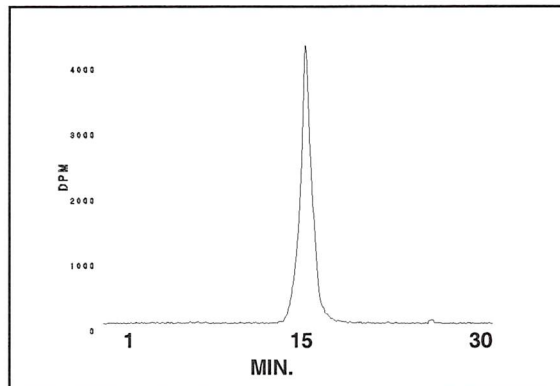
**Specific Activity:** 57.6 mCi/mmol

**Concentration:** 0.010 mCi/ml; 60.43 µg/ml

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

**Date of Analysis:** July 18, 2019

**Radiochemical Purity:** 98.3%



**HPLC ANALYSIS LOT 848-095-0576-A-20140724-JHO**  
File Name: int48298 Date and Time: 7/18/2019 2:53:30 PM  
Unit 4 Radio

Peak #	Area %	Time	Area
1	0.18	7.37670	50.00794
2	0.10	13.70670	28.40976
3	98.32	15.58000	27467.51638
4	0.49	16.20330	136.60502
5	0.08	16.97670	21.41476
6	0.10	17.23000	27.91715
7	0.05	17.71000	15.31839
8	0.23	18.11330	63.28130
9	0.07	19.03000	20.54548
10	0.38	25.33330	106.59379
Totals	100.00		27937.60997

**Stability and Storage Recommendation:** The rate of decomposition is approximately 0.1-0.5%/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.