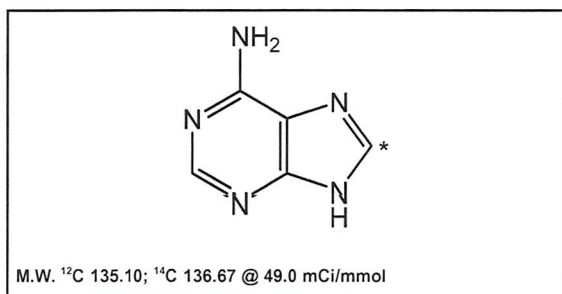


Certificate of Analysis

MC-143

Adenine, [8-¹⁴C]-



Lot #: 845-019-049-A-20130110-PSA

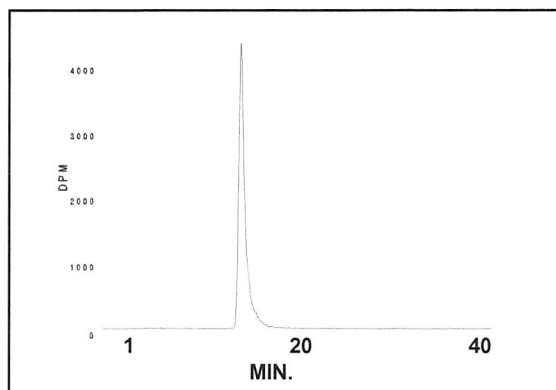
Specific Activity: 49.0 mCi/mmol

Concentration: 0.1 mCi/ml; 278.92 µg/ml

Packaged in: Ethanol : water (2 : 98) solution

Date of Analysis: February 21, 2019

Radiochemical Purity: 99.0%



HPLC ANALYSIS LOT 845-019-049-A-20130110-PSA
File Name: int25789 Date and Time: 2/21/2019 11:26:20 A
Unit 2 Radio

Peak #	Area %	Time	Area
1	0.05	6.08400	10.81504
2	98.98	14.22000	20080.04361
3	0.14	15.66400	28.88926
4	0.07	15.95200	13.30872
5	0.03	16.23200	5.68877
6	0.07	16.44800	13.53468
7	0.14	16.71600	28.42525
8	0.17	17.20000	34.37380
9	0.11	17.88400	21.92454
10	0.16	18.66400	32.38748
11	0.09	19.96400	17.99780
Totals	100.00		20287.38895

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 0-5°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.