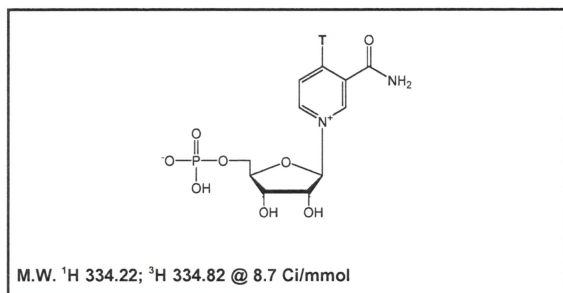


## Certificate of Analysis

**MT-516**

**$\beta$ -Nicotinamide mononucleotide, [4-<sup>3</sup>H(N)]-**



**Lot #:** 945-086-0087-A-20090414-JP

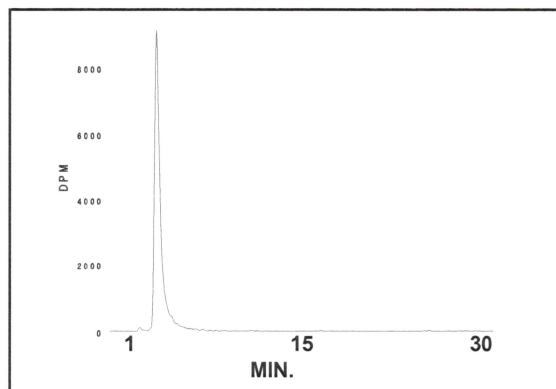
**Specific Activity:** 8.7 Ci/mmol

**Concentration:** 1.0 mCi/ml; 38.49  $\mu$ g/ml

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

**Date of Analysis:** November 6, 2018

**Radiochemical Purity:** 98.1%



HPLC ANALYSIS LOT 945-086-0087-A-20090414-JP  
File Name: intj8703 Date and Time: 11/6/2018 3:18:11 PM  
Unit 19 - Radio

Peak #	Area %	Time	Area
1	0.71	2.38330	217.91864
2	98.13	3.68170	29908.93078
3	0.26	4.80670	79.54180
4	0.13	5.30330	38.97655
5	0.18	6.26830	55.39447
6	0.22	6.73170	65.84179
7	0.26	7.34500	78.96495
8	0.11	7.91000	33.26035
Totals	100.00		30478.82933

**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:** 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.