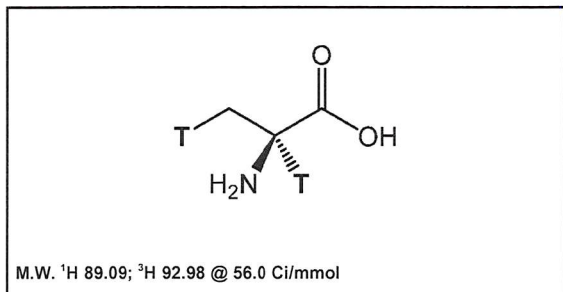


Certificate of Analysis

MT-886

L-Alanine, [2,3-³H]-



Lot #: 945-078-056-A-20150202-TNG

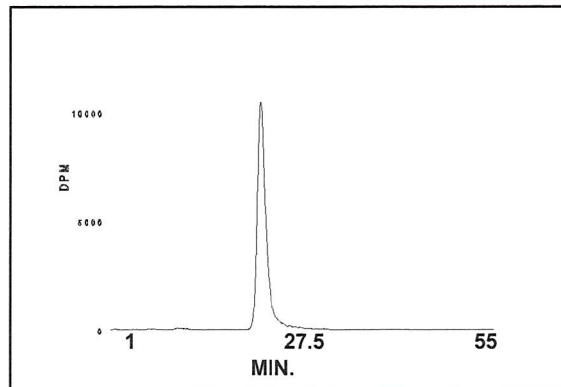
Specific Activity: 56.0 Ci/mmol

Concentration: 1.0 mCi/ml; 1.66 µg/ml

Packaged in: 0.01N HCl solution

Date of Analysis: October 22, 2018

Radiochemical Purity: 98.5%



HPLC ANALYSIS LOT 945-078-056-A-20150202-TNG

File Name: int63827 Date and Time: 10/22/2018 10:11:39

Unit 6 Radio

Peak #	Area %	Time	Area
1	0.18	0.53330	172.88101
2	0.19	5.68670	178.58630
3	0.54	9.63670	514.28956
4	98.45	21.54000	94155.05381
5	0.10	24.81000	97.82124
6	0.16	25.69330	150.79245
7	0.11	26.44330	103.34587
8	0.13	27.27670	128.72910
9	0.11	30.69330	107.23627
10	0.03	32.16330	33.38188
Totals	100.00		95642.11749

Stability and Storage Recommendation: The rate of decomposition is approximately 1%/month for the first year 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.