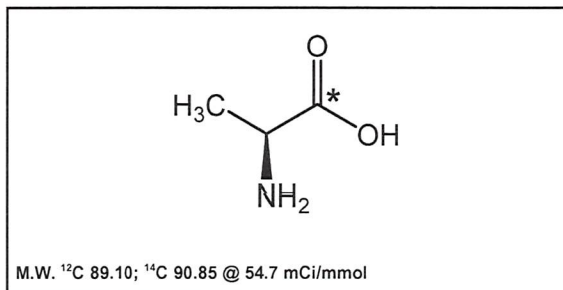


Certificate of Analysis

MC-466

L-Alanine, [1-¹⁴C]-



Lot #: 842-177-0547-B-20070124-SB

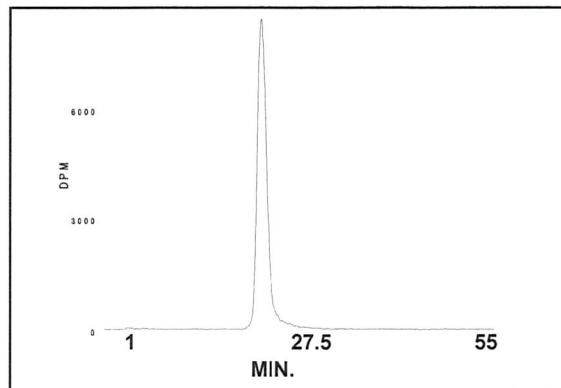
Specific Activity: 54.7 mCi/mmol

Concentration: 0.1 mCi/ml; 166.09 µg/ml

Packaged in: 0.01N HCl solution

Date of Analysis: October 17, 2018

Radiochemical Purity: 98.6%



HPLC ANALYSIS LOT 842-177-0547-B-20070124-SB
File Name: int63817 Date and Time: 10/17/2018 12:42:55
Unit 6 Radio

Peak #	Area %	Time	Area
1	0.51	3.34330	424.51406
2	98.58	22.21670	82460.34661
3	0.07	24.53330	61.74143
4	0.12	25.25000	103.58132
5	0.07	25.76000	55.13012
6	0.18	26.25000	148.60844
7	0.07	27.15000	57.76978
8	0.13	28.15000	108.35129
9	0.10	30.05330	81.73382
10	0.06	31.68670	52.60980
11	0.11	48.17670	95.67249
Totals	100.00		83650.05916

Note: HPLC analysis was performed on the material prior to dilution with 0.01N HCl solution.

Stability and Storage Recommendation: The rate of decomposition is approximately 0.1%/month for the first six months 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.