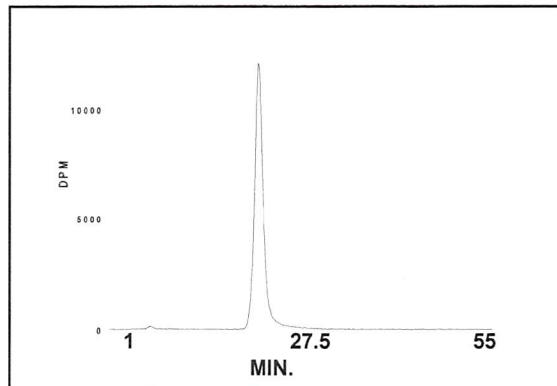
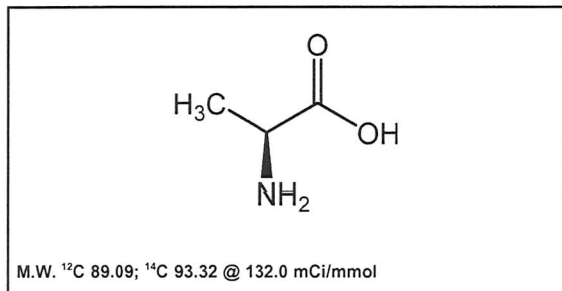


Certificate of Analysis

MC-132

L-Alanine, [¹⁴C(U)]-



Lot #: 257-001-132-A-20080623-NT

Specific Activity: 132.0 mCi/mmol

Concentration: 0.1 mCi/ml; 70.70 µg/ml

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

Date of Analysis: October 19, 2018

Radiochemical Purity: 98.5%

HPLC ANALYSIS LOT 257-001-132-A-20080623-NT
File Name: int63826 Date and Time: 10/19/2018 3:43:12 P
Unit 6 Radio

Peak #	Area %	Time	Area
1	0.92	5.83330	1018.59033
2	98.47	21.34000	109244.72257
3	0.06	23.60670	63.45754
4	0.02	24.24000	22.36178
5	0.12	25.20670	130.76754
6	0.03	26.67330	32.37589
7	0.07	27.20670	82.53245
8	0.08	28.07000	88.89544
9	0.13	28.97330	141.13748
10	0.11	30.95670	120.83280
Totals	100.00		110945.67382

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.