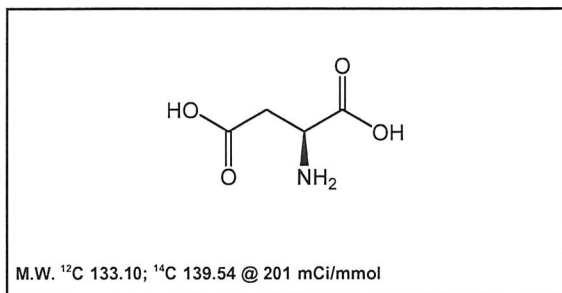


Certificate of Analysis

MC-139

L-Aspartic acid, [¹⁴C(U)]-



Lot #: 371-002-201-A-20070104-SB

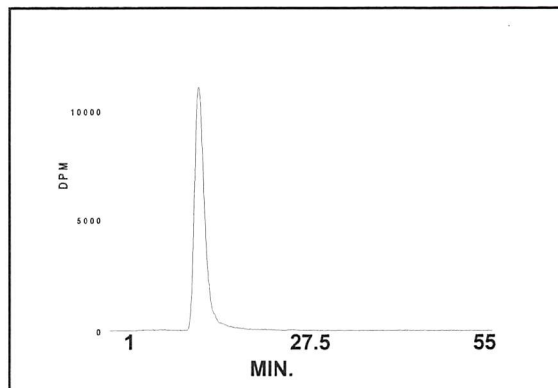
Specific Activity: 201 mCi/mmol

Concentration: 0.1 mCi/ml; 69.42 µg/ml

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

Date of Analysis: December 20, 2018

Radiochemical Purity: 98.6%



HPLC ANALYSIS LOT 371-002-201-A-20070104-SB
File Name: int63859 Date and Time: 12/20/2018 10:58:31
Unit 6 Radio

Peak #	Area %	Time	Area
1	0.46	8.18330	527.41492
2	98.59	13.00330	113731.64755
3	0.07	15.27000	80.34730
4	0.16	16.15330	186.74839
5	0.07	17.52330	81.67660
6	0.03	18.42330	35.40093
7	0.03	19.40330	34.61158
8	0.03	19.82330	34.91271
9	0.33	20.34000	381.19030
10	0.23	26.45670	260.11962
Totals	100.00		115354.06990

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.