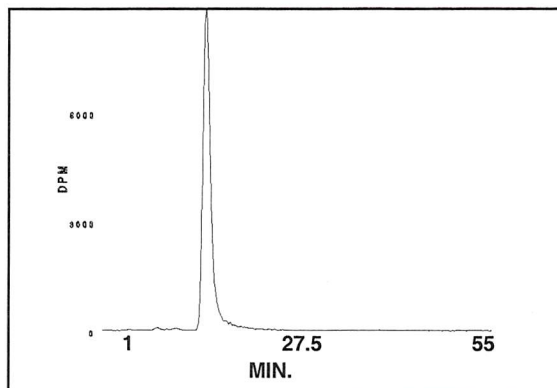
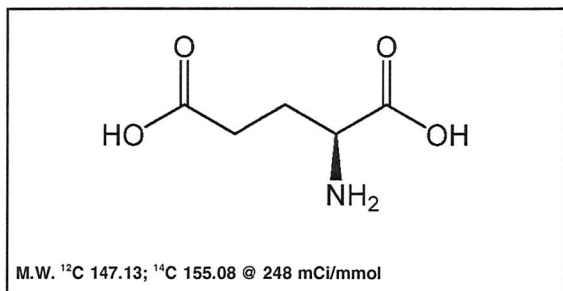


## Certificate of Analysis

**MC-156**

**L-Glutamic acid, [<sup>14</sup>C(U)]-**



**Lot #:** 945-127-248-A-20140131-SBA

**Specific Activity:** 248 mCi/mmol

**Concentration:** 0.1 mCi/ml; 62.53 µg/ml

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

**Date of Analysis:** June 12, 2019

**Radiochemical Purity:** 97.8%

**HPLC ANALYSIS LOT 945-127-248-A-20140131-SBA**

File Name: int63974 Date and Time: 6/12/2019 1:41:26 PM

Unit 6 Radio

Peak #	Area %	Time	Area
1	0.12	3.95830	87.41659
2	1.34	7.91000	970.72840
3	97.83	14.66500	70621.59420
4	0.19	17.31170	134.25446
5	0.14	18.09500	98.78850
6	0.10	18.58000	69.88871
7	0.08	19.58170	61.22088
8	0.20	22.34500	147.13097
Totals	100.00		72191.02271

**Stability and Storage Recommendation:** The rate of decomposition is approximately 0.5%/month for the first six months after purification when stored at 0-5°C.

**Caution:** This material was manufactured under research grade conditions and is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not suitable for use in humans or clinical diagnosis. Responsibility for its use and compliance with federal law rests solely with the purchaser. If the compound and/or any associated information/documentation derived from its use could be used for any potential future filings, research grade is not recommended.