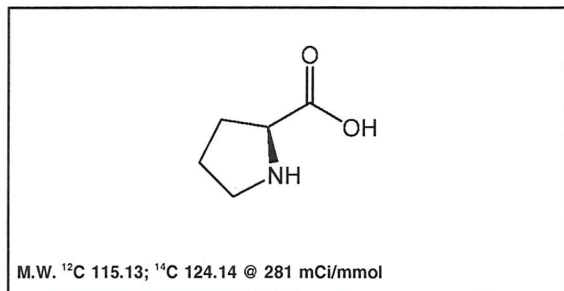


## Certificate of Analysis

**MC-263**

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



**Lot #:** 842-170-281-A-20180507-SBA

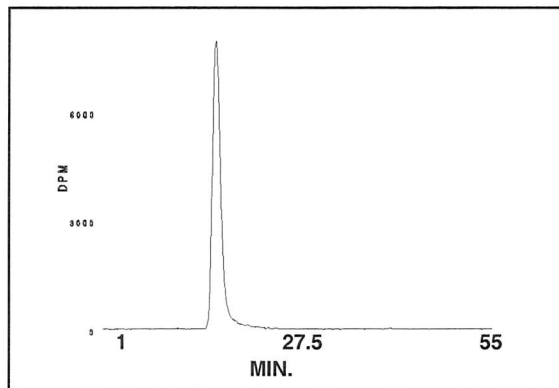
**Specific Activity:** 281 mCi/mmol

**Concentration:** 0.1 mCi/ml; 44.18 µg/ml

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

**Date of Analysis:** September 17, 2019

**Radiochemical Purity:** 99.1%



HPLC ANALYSIS LOT 842-170-281-A-20180507-SBA  
File Name: int64095 Date and Time: 9/17/2019 12:10:29 P  
Unit 6 Radio

Peak #	Area %	Time	Area
1	0.03	10.65170	21.35491
2	0.06	13.97670	43.80066
<u>3</u>	<u>99.09</u>	<u>16.03500</u>	<u>67333.50657</u>
4	0.06	19.63500	43.24675
5	0.14	20.47170	94.00427
6	0.04	21.12170	29.02424
7	0.21	21.83830	142.04586
8	0.12	23.47330	79.40030
9	0.12	24.40670	83.92665
10	0.12	25.22330	84.45146
Totals	100.00		67954.76167

**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:** 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.