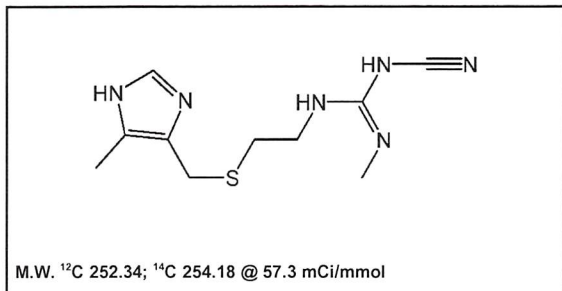


Certificate of Analysis

MC-2493

Cimetidine, [imidazole-2-¹⁴C]-



Lot #: 374-109-0573-A-20120822-JHO

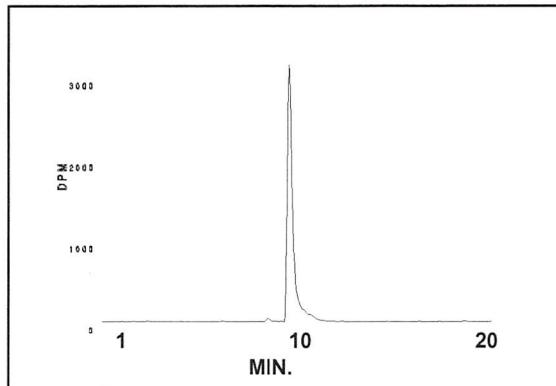
Specific Activity: 57.3 mCi/mmol

Concentration: 0.1 mCi/ml; 443.59 µg/ml

Packaged in: Ethanol solution

Date of Analysis: February 20, 2019

Radiochemical Purity: 98.3%



HPLC ANALYSIS LOT 374-109-0573-A-20120822-JHO
File Name: int25787 Date and Time: 2/20/2019 2:54:45 PM
Unit 2 Radio

Peak #	Area %	Time	Area
1	1.19	8.52800	76.06767
2	98.28	9.64400	6307.14054
3	0.21	10.41200	13.31068
4	0.17	10.66000	10.91865
5	0.07	10.89200	4.65097
6	0.08	11.30800	5.28240
7	0.00	11.66400	0.03757
Totals	100.00		6417.40848

Storage Recommendation: Store at -20°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.