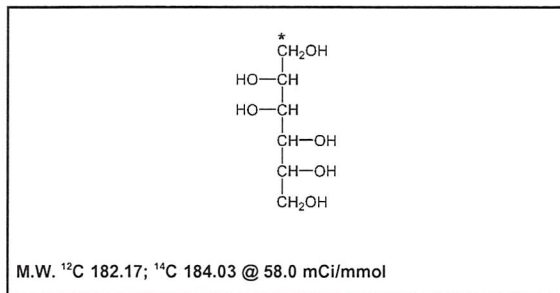


Certificate of Analysis

MC-203

D-Mannitol, [1-¹⁴C]-



Lot #: 842-144-058-A-20180328-SBA

Specific Activity: 58.0 mCi/mmol

Concentration: 0.1 mCi/ml; 317.29 µg/ml

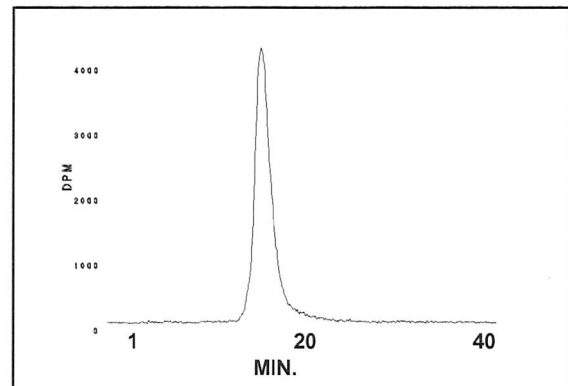
Packaged in: Ethanol : water (9 : 1) solution

Date of Analysis: November 29, 2018

Radiochemical Purity: 98.7%

@ 85°C.

Flow Rate: 0.6 ml/min



HPLC ANALYSIS LOT 842-144-058-A-20180328-SBA
File Name: int47583 Date and Time: 11/29/2018 1:16:56 P
Unit 4 Radio

Peak #	Area %	Time	Area
1	0.04	4.37000	21.57187
2	0.03	6.55330	18.85128
3	0.29	13.59330	156.24115
4	98.68	15.84330	53392.29792
5	0.22	17.41000	118.21191
6	0.09	23.24670	51.35286
7	0.18	24.07670	99.89738
8	0.46	25.01000	247.98226

Totals 100.00 54106.40663

Stability and Storage Recommendation: The rate of decomposition is approximately 0.2%/month for the first six months after purification when stored at -20°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