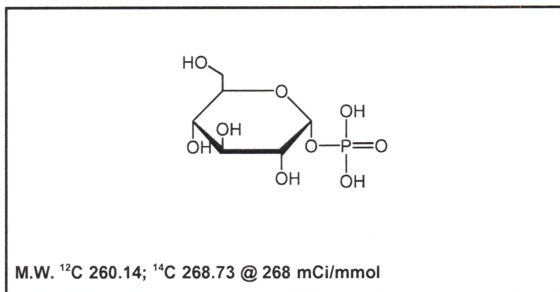


Certificate of Analysis

MC-146

α -D-Glucose-1-phosphate, [$^{14}\text{C}(\text{U})$]-



Lot #: 942-014-268-A-20190410-SBA

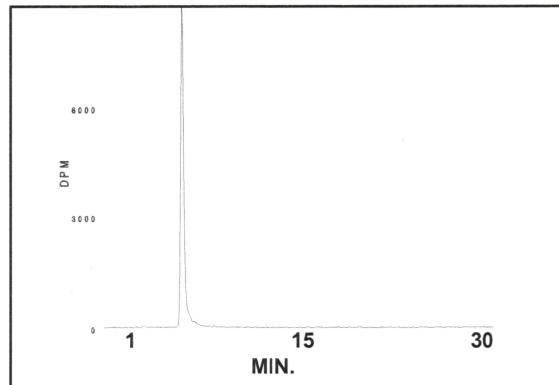
Specific Activity: 268 mCi/mmol

Concentration: 0.1 mCi/ml; 100.27 $\mu\text{g}/\text{ml}$

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

Date of Analysis: April 10, 2019

Radiochemical Purity: 98.1%



HPLC ANALYSIS LOT 942-014-268-A-20190410-SBA
File Name: intB3537 Date and Time: 4/10/2019 1:28:16 PM
Unit 11 Radio

Peak #	Area %	Time	Area
1	0.30	3.17330	46.57508
2	98.09	6.08670	15338.23101
3	0.72	6.98330	112.18665
4	0.22	7.39000	34.92473
5	0.16	7.70000	25.56187
6	0.32	7.99670	50.56184
7	0.18	8.57670	28.26913
Totals	100.00		15636.31031

Stability and Storage Recommendation: The rate of decomposition is approximately 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.