

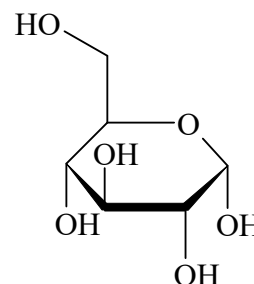
Research Use Only. Not for use in diagnostic procedures.

GLUCOSE, D-[¹⁴C(U)]-

Product Number: NEC042B

LOT SPECIFIC INFORMATION

Lot Number:	2770073
Specific Activity:	265.0 mCi/mmol
	9805 MBq/mmol
Production Date:	28-APR-2021



M.W. 180.16

C₆H₁₂O₆

PACKAGING: 1.0 mCi/ml (37 MBq/ml) in ethanol : water solution, 9:1.

STABILITY AND STORAGE: When glucose, D-[¹⁴C(U)]- is stored at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially 1% for the first 12 months from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: 250-360 mCi/mmol (9250-13320 MBq/mmol)

RADIOCHEMICAL PURITY: This product was initially found to be greater than 97% when determined by the following method. The rate of decomposition can accelerate. It is advisable to check purity prior to use:

High pressure liquid chromatography on an Aminex HPX-87C column at 80°C using the following mobile phase:
Water

(optional) Paper chromatography using the following solvent system:
n-butanol : ethanol : water, (50:32:18)

QUALITY CONTROL: The radiochemical purity of glucose, D-[¹⁴C(U)]- is checked at appropriate intervals using the first listed chromatography method.

HAZARD INFORMATION: WARNING: This product contains a chemical known to the state of California to cause cancer.

PerkinElmer, Inc.
549 Albany Street
Boston, MA 02118 USA
P: (800) 762-4000 or (+1) 203-925-4602
www.perkinelmer.com/enradiochemicals

For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs

Copyright ©2010, PerkinElmer, Inc. All rights reserved. PerkinElmer® is a registered trademark of PerkinElmer, Inc. All other trademarks are the property of their respective owners.