

Research use only. Not for use in diagnostic procedures.

Glucose, D-[3-3H]-

Product Number: NET331C

LOT SPECIFIC INFORMATION

Lot Number: 3425718

Specific Activity: ____19.0 ____ Ci/mmol

703.0 ____ GBq/mmol

Production Date: 22-JUL-2025

OH OH OH

M.W. 180 $C_6H_{12}O_6$

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

STABILITY AND STORAGE RECOMMENDATIONS: When glucose, D-[3-3H]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially 0.6% per month from date of purification. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: >7 Ci/mmol (>259 GBq/mmol)

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

High pressure liquid chromatography on Aminex HPX-87C column using the following mobile phase: water at 85°C.

QUALITY CONTROL: The radiochemical purity of glucose, D-[3-3H]- is checked at appropriate intervals using the above listed chromatography method.

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

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