

Research use only. Not for use in diagnostic procedures.

Warfarin, [14C]-

Product Number: NEC839

LOT SPECIFIC INFORMATION

Lot Number: 2976519

Specific Activity: ____58.9 mCi/mmol

___<u>2179</u>___ MBq/mmol

Production Date: ____15 Mar 2023

OH *

M.W. 308.33 C₁₉H₁₆O₄ CAS 81-81-2

PACKAGING: Solid packaged under nitrogen in NENSURE with glass insert. Shipped in dry ice.

STABILITY AND STORAGE RECOMMENDATIONS:

When warfarin, [14C]- is stored as a solid at -20°C, the rate of decomposition is initially less then 3% per year from the date of purification. The rate of decomposition can accelerate. Stability is nonlinear and not correlated to isotope half-life. Lot to lot variation may occur.

SPECIFIC ACTIVITY RANGE: >40 mCi/mmol (>1480 MBq/mmol)

RADIOCHEMICAL PURITY: This product was initially found to be greater than 96% when determined by the following method. It is advisable to check purity prior to use.

High performance liquid chromatography on a C18 column using the following mobile phase:

- 30 minute linear gradient from 60%A/40%B to 75%B
- A) 10mM trifluoroacetic acid in water
- B) acetonitrile

QUALITY CONTROL: The radiochemical purity of warfarin, [14C]- is checked at appropriate intervals using the above chromatography method.

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

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NEC839-R Rev01

