

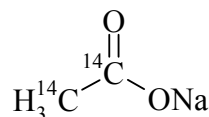
Research Use Only. Not for use in diagnostic procedures.

ACETIC ACID, SODIUM SALT, [1,2-¹⁴C]-

Product Number: NEC553

LOT SPECIFIC INFORMATION

Lot Number:	2445525
Specific Activity:	52 mCi/mmol
	1924 MBq/mmol
Production Date:	19-Oct-2018



M.W. 82.0
C₂H₃NaO₂

PACKAGING: 0.1 mCi/ml (3.7 MBq/ml) in ethanol, shipped ambient.

STABILITY AND STORAGE RECOMMENDATIONS: When acetic acid, sodium salt, [1,2-¹⁴C]- is stored at -20°C in its original solvent and at its original concentration, the rate of decomposition is initially less than 1% for 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: 45-60 mCi/mmol (1665-2220 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 ion exclusion column using the following mobile phase:
0.01N sulfuric acid.

QUALITY CONTROL: The radiochemical purity of acetic acid, sodium salt, [1,2-¹⁴C]- 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