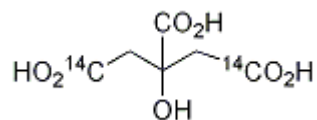


NEC160, CITRIC ACID, [1,5-¹⁴C]-

Lot Number:	3604237
Specific Activity:	116.4 mCi/mmol
	4.31 GBq/mmol
Production Date:	November 3, 2009



C₆H₈O₇
M.W. 192.12
CAS 77-92-9

PACKAGING: 0.05 mCi/mL (1.85 MBq/mL) in ethanol : water (2:98), Steri-packaged.
Shipped in blue ice.

STABILITY AND STORAGE RECOMMENDATIONS:

When citric acid, [1,5-¹⁴C]- is stored at 4°C in its original solvent and at its original concentration, the rate of decomposition is initially less than 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: 100-124 mCi/mmol (3.7-4.6 GBq/mmol)

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

High pressure liquid chromatography on an Aminex HPX-87H column using the following mobile phase:

0.01N H₂SO₄

QUALITY CONTROL: The radiochemical purity of citric acid, [1,5-¹⁴C]- 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.