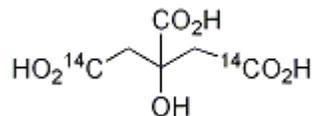


NEC160, CITRIC ACID, [1,5-<sup>14</sup>C]-

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



C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>  
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-<sup>14</sup>C]- 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 H<sub>2</sub>SO<sub>4</sub>

**QUALITY CONTROL:** The radiochemical purity of citric acid, [1,5-<sup>14</sup>C]- 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.