

Research use only. Not for use in diagnostic procedures.

## Taurine, $[2,2^{-3}H(N)]$ -

Product Number: NET1205

## LOT SPECIFIC INFORMATION

Lot Number: 3160413

Specific Activity: 12.9 Ci/mmol

\_\_\_\_\_\_ GBq/mmol

Production Date: \_\_\_\_1 Jun 2023

PACKAGING: 1.0mCi/ml (37MBq/ml) in ethanol: water (2:98), steri-packaged. Shipped in blue ice.

**STABILITY AND STORAGE RECOMMENDATIONS:** When taurine  $[2,2^{-3}H(N)]$ - is stored at 5°C in its original solvent and at its original concentration, the rate of decomposition is initially less than 1% per month 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.

CAS 107-35-7

SPECIFIC ACTIVITY RANGE: 5-30 Ci/mmol (185-1110 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.

Thin layer chromatography on cellulose using the following solvent system:

n-butanol: pyridine: water, (1:1:1).

**QUALITY CONTROL:** The radiochemical purity of taurine  $[2,2^{-3}H(N)]$ - 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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NET1205-R Rev01

