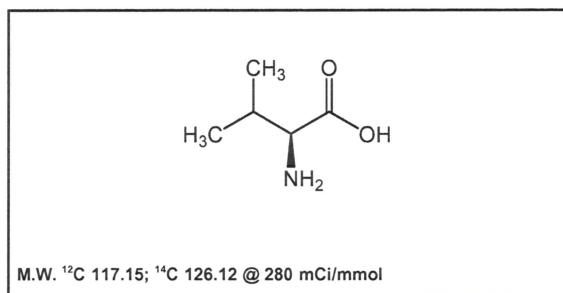


Certificate of Analysis

MC-277

L-Valine, [¹⁴C(U)]-



Lot #: 842-175-280-A-20181003-SBA

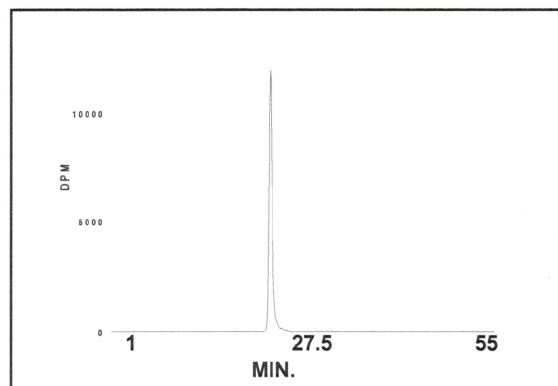
Specific Activity: 280 mCi/mmol

Concentration: 0.1 mCi/ml; 45.04 µg/ml

Packaged in: Ethanol : water (2 : 98) solution

Date of Analysis: September 27, 2018

Radiochemical Purity: 99.7%



HPLC ANALYSIS LOT 842-175-280-A-20181003-SBA
File Name: intB2981 Date and Time: 9/27/2018 1:55:27 PM
Unit 11 Radio

Peak #	Area %	Time	Area
1	99.67	22.83670	41113.96843
2	0.19	24.52330	78.17227
3	0.14	25.22000	56.98916
Totals	100.00		41249.12986

Stability and Storage Recommendation: The rate of decomposition is approximately 0.1%/month for the first six months after purification when stored at 0-5°C.

Caution: Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.