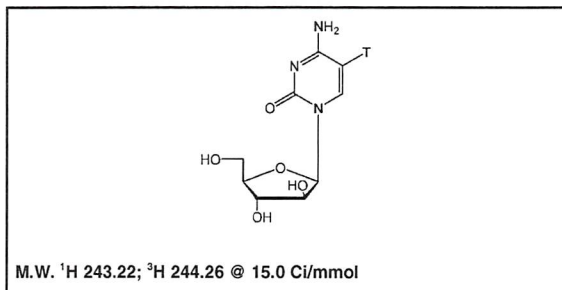


## Certificate of Analysis

**MT-631**

### Cytosine- $\beta$ -D-arabinofuranoside, [5- $^3$ H(N)]-



**Lot #:** 945-132-015-A-20140317-TNG

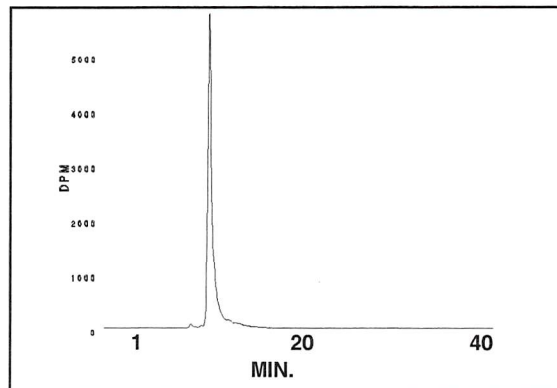
**Specific Activity by UV:** 15.0 Ci/mmol

**Concentration:** 1.0 mCi/ml; 16.28  $\mu$ g/ml

**Packaged in:** Ethanol : water (1 : 1) solution

**Date of Analysis:** June 25, 2019

**Radiochemical Purity:** 97.2%



**HPLC ANALYSIS LOT 945-132-015-A-20140317-TNG**  
File Name: inti9953 Date and Time: 6/25/2019 3:00:43 PM  
Unit 18 - Radio

Peak #	Area %	Time	Area
1	1.12	9.00000	223.44615
2	0.54	10.10170	108.26382
3	97.24	10.85000	19476.85193
4	0.43	12.86500	85.88161
5	0.55	13.40830	109.56144
6	0.03	14.90000	5.60080
7	0.10	17.25170	19.21114
Totals	100.00		20028.81689

**Stability and Storage Recommendation:** The rate of decomposition is approximately 1%/month for the first six months after purification when stored at -20°C.

**Caution:** This material was manufactured under research grade conditions and is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not suitable for use in humans or clinical diagnosis. Responsibility for its use and compliance with federal law rests solely with the purchaser. If the compound and/or any associated information/documentation derived from its use could be used for any potential future filings, research grade is not recommended.