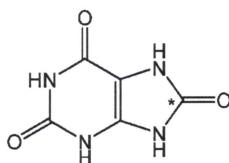


## Certificate of Analysis

**MC-1394**

**Uric acid, [8-<sup>14</sup>C]-**



M.W. <sup>12</sup>C 168.10; <sup>14</sup>C 170.02 @ 60.0 mCi/mmol

**Lot #:** 945-177-060-A-20180813-SBA

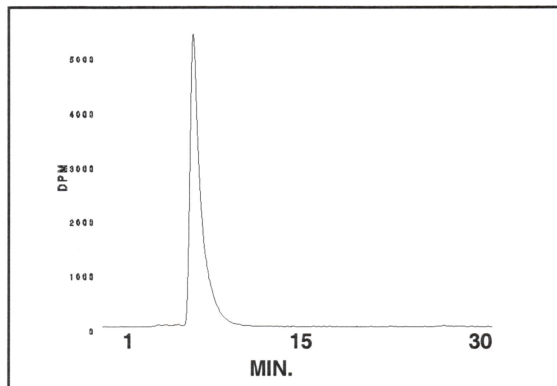
**Specific Activity:** 60.0 mCi/mmol

**Packaged as:** Solid

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

**Retest Date:** June 22, 2020

**Radiochemical Purity:** 99%



**HPLC ANALYSIS LOT 945-177-060-A-20180813-SBA**

File Name: inti1129 Date and Time: 10/25/2019 1:47:46 P  
Unit 18 - Radio

Peak #	Area %	Time	Area
1	0.85	5.91670	272.42146
2	98.86	6.99500	31830.00201
3	0.05	10.20330	14.69689
4	0.07	11.27000	23.41053
5	0.18	26.32330	57.43929
Totals	100.00		32197.97018

**Stability and Storage Recommendation:** The rate of decomposition is approximately 0.5%/month when stored at +4°C. This material should be dissolved with a solvent suitable for the study to be performed. For aqueous material will vary depending on amount of mass present. 1g dissolves in approximately 15L cold water and 2L boiling water. Soluble in glycerol.

**Quality Level Disclaimer:** Results were obtained utilizing non-qualified instrumentation, methods that have not been validated or transferred, and analyses not performed according to a formal, documented, analytical protocol.

When handling this radiochemical, please refer to the safe handling of isotopes document provided with your shipment. If the document is misplaced, a link to a copy is available at [www.moravek.com/customer-service](http://www.moravek.com/customer-service).

In addition to the hazard connected with radiation, this compound also has chemical safety characteristics that need to be taken into account before it can be safely worked with. For assistance with designing a safe working environment and procedures for this and all chemicals at your workplace, please contact OSHA at 800-321-6742(OSHA) or [https://www.osha.gov/html/Feed\\_Back.html](https://www.osha.gov/html/Feed_Back.html).

**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 material is not recommended.