



DATE: 31 December 2015

**Product Identifier**

**SRM Number:** 2670a

**SRM Name:** Toxic Elements in Freeze-Dried Urine

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Standard Reference Material (SRM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program.

**Exemption:** 1910.1200 (b) (6) (xii). This SRM is a biological material and should be considered a potential biological hazard.

**Description:** This SRM is primarily intended for use in evaluating the accuracy of clinical methods used to determine the mass concentration of toxic metals and other elements in human urine or similar matrices. It can also be used to validate working or secondary reference materials. A unit of SRM 2670a consists of four bottles of freeze-dried urine, two bottles of each at the low and high levels.

**Additional Notes for Biomaterials:** SRM 2670a IS INTENDED FOR RESEARCH USE. THIS IS A HUMAN SOURCE MATERIAL AND SHOULD BE TREATED AS A BIOHAZARDOUS SUBSTANCE CAPABLE OF TRANSMITTING INFECTIOUS DISEASE. THE RECONSTITUTED URINE SHOULD BE HANDLED WITH PRECAUTIONS SUITABLE FOR FRESH URINE. Accordingly, this human source product should be handled at the Biosafety Level 2 or higher as recommended for any potentially infectious human serum or blood specimen by the Centers for Disease Control and Prevention (CDC) Office of Safety, Health, and Environment and the National Institutes of Health (NIH). See Certificate of Analysis for storage and use instructions.

**Disposal:** SRM 2670a components and derived solutions should be disposed of in accordance with local, state, and federal regulations.

**Transport Information:** This material is not regulated by the U.S. Department of Transportation (DOT) and/or International Air Transport Association (IATA).

**Disclaimer:** This document was prepared carefully, using current references. Users of this SRM should ensure that this document and the corresponding Certificate of Analysis in their possession are current. This can be accomplished by contacting the SRM Program: telephone (301) 975-2200; fax (301) 948-3730; e-mail [srmmsds@nist.gov](mailto:srmmsds@nist.gov); or via the Internet at <http://www.nist.gov/srm>.