



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-0001

DATE: 10 September 2021

Product Identifier

SRM Number: 3668

SRM Name: Mercury, Perchlorate, and Iodide in Frozen Human 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 intended primarily for validating analytical methods and measurements for the determination of toxic elements and anions in human urine. A unit of SRM 3668 consists of five vials of each of two levels. Each vial contains nominally 1.5 mL of urine.

Additional Notes for Biomaterials: SRM 3668 IS INTENDED FOR RESEARCH USE. This is a human-source material. Handle product as a biohazardous material capable of transmitting infectious disease. This product should be handled at Biosafety Level 2 or higher as recommended in the Centers for Disease Control and Prevention/National Institutes of Health Biosafety in Microbiological and Biomedical Laboratories for products where the presence of an infectious agent may be unknown. See the Certificate of Analysis for storage and use instructions.

Disposal: SRM 3668 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: The NIST information in this document is specific to the NIST product and is believed to be correct, based upon our current knowledge. This document may not necessarily be all inclusive and should be used only as a guide. NIST does not guarantee the accuracy or completeness of this information. The only official source for specific values and uncertainties is the certificate or report.

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; e-mail srmmsds@nist.gov; or via the Internet at <https://www.nist.gov/srm>.