



DATE: 27 January 2016

**Product Identifier**

**SRM Number:** 955c

**SRM Name:** Toxic Metals in Caprine Blood

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 Standard Reference Material (SRM) is intended primarily for use in evaluating the accuracy of lead, arsenic, cadmium, mercury (total), ethylmercury, inorganic mercury, and methylmercury concentration determinations in whole blood. A unit of SRM 955c consists of four vials of frozen caprine blood at four concentration levels: a base level and three progressively elevated levels that contain endogenous lead and spiked inorganic arsenic, cadmium, ethylmercury, inorganic mercury, and methylmercury. Each vial contains approximately 2 mL of whole blood.

**Additional Notes for Biomaterials:** SRM 955c IS INTENDED FOR RESEARCH USE. This SRM is derived from whole caprine (goat) blood collected at New York State Department of Health's Wadsworth according to a protocol approved by the Center's Institutional Animal Care and Use Committee. The Wadsworth Center is fully accredited by the Association for Assessment and Accreditation of Laboratory Animal Care International, has an approved Animal Welfare Assurance (#A3183-01) with the Public Health Service, and is registered as a Class R Research Facility (#21-R-0124) with the United States Department of Agriculture. The Wadsworth Center affirms that the donor animals were sourced in the United States. See Certificate of Analysis for storage and use instructions.

**Disposal:** SRM 955c 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>.