



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

DATE: 12 May 2015

Product Identifier

RM Number: 8327

RM Name: Peptide Reference Material for Molecular Mass and Purity Measurements

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Reference Material (RM) 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 RM is a biological material and should be considered a potential biological hazard.

Description: This RM is s intended for use in evaluating the performance and reliability of methods for the determination of molecular mass from 1 000 g/mole to 3 000 g/mole and purity of peptides from 80 % to 100 % relative purity. A unit of RM 8327 consists of three lyophilized synthetic peptides (A, B, and C) with 1.0 mg of each peptide in a vacuum rubber-sealed amber glass vial. The vials are contained in a sample box and enclosed in a resealable plastic bag.

Disposal: RM 8327 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 Transportation Association (IATA).

Disclaimer: This document was prepared carefully, using current references. Users of this RM should ensure that this document and the corresponding Report of Investigation 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; or via the Internet at <http://www.nist.gov/srm>.