



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

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Product Identifier

SRM Number: 3274

SRM Name: Botanical Oils Containing Omega-3 and Omega-6 Fatty Acids

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.

Description: This SRM is intended primarily for use in validating analytical methods for the determination of fatty acids in botanical oils and similar matrices. This SRM can also be used for quality assurance when assigning values to in-house reference materials. A unit of SRM 3274 consists of a total of four ampoules, one each of four seed oils: (3274-1 Borage [*Borago officinalis*], 3274-2 Evening Primrose [*Oenothera biennis*], 3274-3 Flax [*Linum usitatissimum*], and 3274-4 Perilla [*Perilla frutescens*]). Each ampoule contains approximately 1.2 mL of oil under argon.

Additional Notes: For laboratory use only; not for human consumption. See Certificate of Analysis for storage and use instructions.

Disposal: SRM 3274 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 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; or via the Internet at <http://www.nist.gov/srm>.