Twitter Thread by Tube Time



Tube Time
@TubeTimeUS

let's order strange things from NIST! first up is this jar of reference peanut butter. it's only $881 per jar!



but it's no ordinary peanut butter. it's got a MSDS! and a datasheet!

DATE: 03 December 2019

Product Identifier

SRM Number: 2387
SRM Name: Peanut Butter

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.

The SRM has been determined to be non-hazardous by the National Institute of Standards and Technology (NIST) of the U.S. Department of Commerce under paragraph (d) of OSHA Standards 29 CFR Part 1910.1200. The SRM will not release or otherwise result in exposure to a hazardous chemical under normal conditions of use.

Description: This SRM is intended primarily for use in validating methods for determining proximates, fatty acids, calories, vitamins, elements, amino acids, aflatoxins, and acrylamide in peanut butter and similar matrices. This SRM can also be used for quality assurance when assigning values to in-house control materials. A unit of SRM 2387 consists of three jars of peanut butter containing 170 g each.

Disposal: SRM 2387 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).

ok technically it is only $881 per *three* jars.

but why would you want this peanut butter? it comes with certified amounts of particular substances in it, so it's good for calibrating equipment used in the food industry to measure regular ol' grocery store peanut butter.

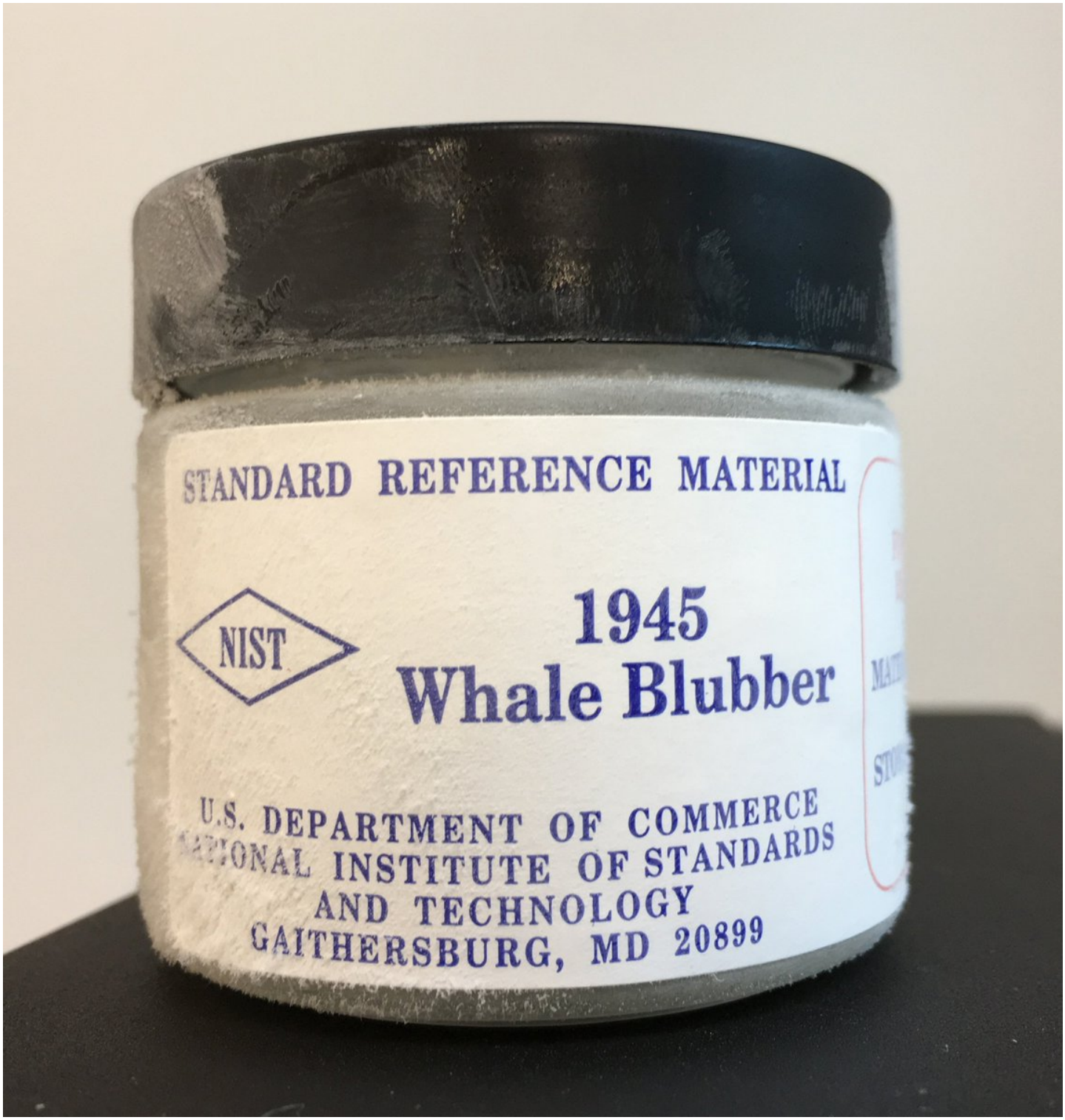
This Standard Reference Material (SRM) is intended primarily for use in validating methods for determining proximates, fatty acids, calories, vitamins, elements, amino acids, and aflatoxins in peanut butter and similar matrices. This SRM can also be used for quality assurance when assigning values to in-house reference materials. The SRM is a creamy peanut butter prepared by a manufacturer of peanut butter products. A unit of SRM 2387 consists of three jars of peanut butter containing 170 g each.

but NIST has a lot more than just peanut butter. oh my. you won't believe the goodies i've seen!

here, have some breakfast cereal! it comes in a pill bottle.



it'll go well with your...uhhh...whale blubber



no, what we need is some milk. you can pick fortified or unfortified milk but sorry, it's contaminated. oh also, it's human.



all right, that's not very appetizing. let's have some meat homogenate instead. actually that's probably just wet cat food ■



couldn't find a photo of it, but maybe we should just eat "typical diet"

Standard Reference Material® 1548a

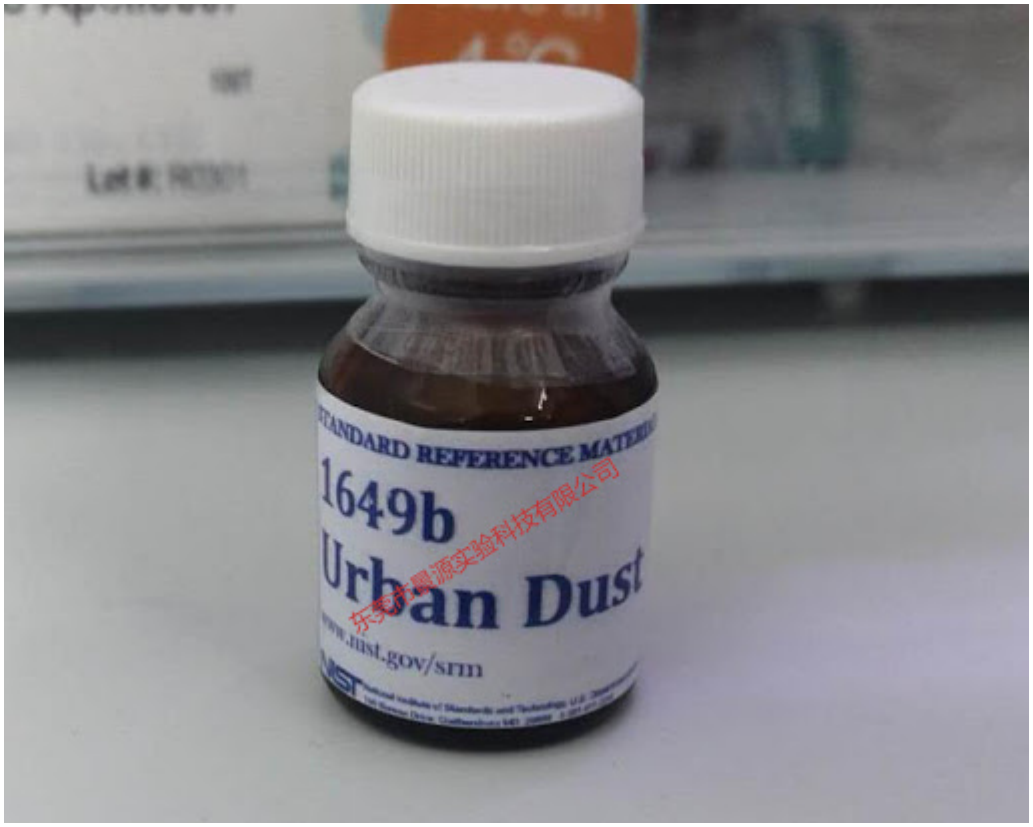
Typical Diet

This Standard Reference Material (SRM) is intended primarily for use in validating analytical methods for the determination of proximate content and minor and trace constituent elements in mixed diets and food matrices. The base material used for SRM 1548a originated from food menus used for metabolic studies performed at the USDA Beltsville Human Nutrition Research Center. SRM 1548a is a blended freeze-dried homogenate of these menus. This SRM may also be used for quality assurance when assigning values to in-house control materials. SRM 1548a Typical Diet is the renewal for SRM 1548 Total Diet. A unit of SRM 1548a consists of two bottles, each containing approximately 6.5 g of the freeze-dried homogenate of mixed diet foods.

after eating all of that reference material i really... uhh... ■
yes, this is powdered sewage.



there's other urban waste products too, like this Urban Dust.



or how about some THC? yes, from marijuana. however, it's been peed out by someone and is freeze dried. how'd they collect this stuff anyway?

Material Details

SRM 1507b – 11-Nor-Delta-9-Tetrahydrocannabinol-9-Carboxylic Acid in Freeze-Dried Urine

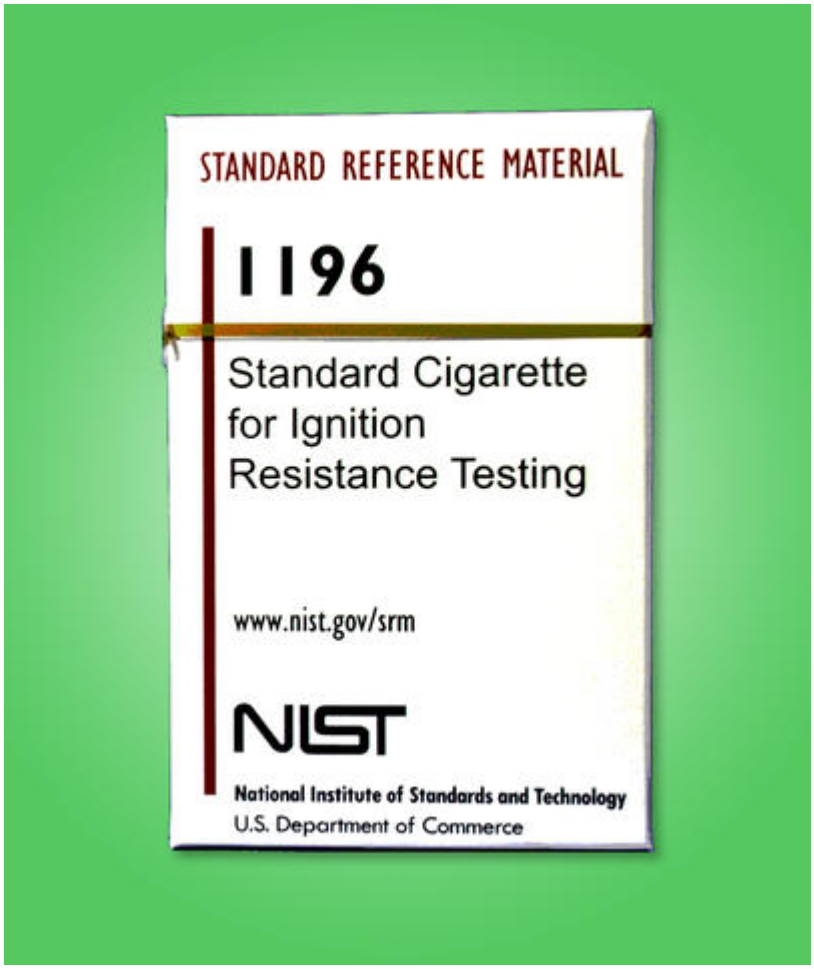
C - Certificate M - MSDS T - Table

Add Material to Cart

- C Certificate
- M Material Safety Data Sheet (MSDS)
- T Related Materials: 105.7 - Drugs of Abuse and Smoking Metabolites and Contaminates (urine)

Details	
Description:	11-Nor-Delta-9-Tetrahydrocannabinol-9-Carboxylic Acid in Freeze-Dried Urine
Lot:	N/A
Expiration Date:	12/31/2026
Unit Price * :	$785.00
Unit of Issue:	set (3)

perhaps they have a Reference Joint, similar to this standard cigarette.



some of these substances are a bit cruder than others.



huh, it's a standard bullet and a standard shell casing



SRM2460 Standard Bullet



SRM2461 Standard Cartridge Case

you can also buy dirt.

111.7 - Soils, Sediments, and Sludges (powder form)

SRM	Description
1646a	Estuarine Sediment
1944	New York/New Jersey Waterway Sediment
2586	Trace Elements in Soil Containing Lead From Paint (Nominal Mass Fraction of 500 mg/kg Lead)
2587	Trace Elements in Soil Containing Lead from Paint (Nominal Mass Fraction of 3000 mg/kg Lead)
2700	Hexavalent Chromium in Contaminated Soil (Low Level)
2701	Hexavalent Chromium in Contaminated Soil (High Level)
2702	Inorganics in Marine Sediment
2703	Sediment for Solid Sampling (Small Sample) Analytical Techniques
2706	New Jersey Soil, Organics and Trace Elements
2709a	San Joaquin Soil Baseline Trace Element Concentrations
2710a	Montana I Soil Highly Elevated Trace Element Concentrations
2711a	Montana II Soil Moderately Elevated Trace Element Concentrations
2780a	Hard Rock Mine Waste
2781	Domestic Sludge
2782	Industrial Sludge
8704	Buffalo River Sediment

huh, this must be the "health food" section of the NIST store. it's only slightly more expensive than Whole Foods

SRM	Description
3232	Kelp Powder (*Thallus laminariae*)
3235	Soy Milk
3236	Soy Protein Isolate
3237	Soy Protein Concentrate
3238	Soy-Containing Solid Oral Dosage Form
3246	*Ginkgo biloba* (Leaves)
3247	*Ginkgo biloba* (Extract)
3248	Ginkgo-Containing Tablets
3250	Saw Palmetto *(Serenoa repens)* Fruit
3251	Saw Palmetto (*Serenoa repens*) Extract
3254	Green Tea *(Camellia sinensis)* Leaves
3255	Green Tea (*Camellia sinensis*) Extract
3256	Green Tea-Containing Solid Oral Dosage Form
3262	St. John's Wort *(Hypericum perforatum L.)* Aerial Parts
3274	Botanical Oils Containing Omega-3 and Omega-6 FattyAcids
3275	Omega-3 and Omega-6 Fatty Acids in Fish Oil
3279	Chromium Dietary Supplement
3280	Multivitamin/Multielement Tablets
3281	Cranberry (Fruit)
3282	Low-Calorie Cranberry Juice Cocktail
3283	Cranberry Extract
3284	Cranberry-Containing Solid Oral Dosage Form
3285	Mixed-Berry Containing Solid Oral Dosage Form
3291	Bilberry Extract
3299	Ground Turmeric (*Curcuma longa* L.) Rhizome
3300	Curcumin Extract of Turmeric (*Curcuma longa* L.) Rhizome
3530	Iodized Table Salt (Iodide)
3532	Calcium-Containing Solid Oral Dosage Form
8037	Krill Oil

anyway, feel free to browse the store yourself. https://t.co/iwmINX6RTQ

their "news and updates" section also has some amusing headlines.
https://t.co/ZU0IoxKzhZ

i just love the generic packaging. reminds me of this stuff.


BEER
NET CONTENTS
12 FL. OZ. 355 ml

oh no


STANDARD REFERENCE MATERIAL®
2569
Lead Paint Films
for Children's
Products
NIST
C
B
A