

Meat homogenate - Nutrients

Art. ID	NIST-1546a
Unit	4 x 85 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for validation of methods for determining fatty acids, cholesterol, proximates, calories, elements, vitamins, and amino acids in canned meat products and similar materials. This SRM can also be used for quality assurance when assigning values to in-house reference materials. The meat homogenate is a mixture of pork and chicken products blended together in a commercial process. A unit of NIST-1546a consists of four cans, each containing approximately 85 g of material. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
certified value	Decanoic acid (Capric acid) (C10:0)	[334-48-5]	0,0167 ± 0,0017			
certified value	Dodecanoic acid (Lauric acid) (C12:0)	[143-07-7]	0,0153 ± 0,0011	g/100 g		
certified value	Tetradecanoic acid (Myristic acid) (C14:0)	[544-63-8]	0,245 ± 0,023	g/100 g		
certified value	(Z)-9-Tetradecenoic acid (Myristoleic acid) (C14:1)	[544-64-9]	0,0118 ± 0,0028	g/100 g		
certified value	Hexadecanoic acid (Palmitic acid) (C16:0)	[57-10-3]	4,63 ± 0,53	g/100 g		
certified value	(Z)-9-Hexadecenoic acid (Palmitoleic acid) (C16:1 n-7)	[373-49-9]	0,618 ± 0,078	g/100 g		
certified value	Octadecanoic acid (Stearic acid) (C18:0)	[57-11-4]	2,18 ± 0,32	g/100 g		
certified value	(Z)-9-Octadecenoic acid (Oleic acid) (C18:1 n-7)	[112-80-1]	8,09 ± 0,40	g/100 g		
certified value	(Z)-11-Octadecenoic acid (Vaccenic acid) (C18:1 n-7)	[506-17-2]	0,324 ± 0,017	g/100 g		
certified value	(Z,Z)-9,12-Octadecadienoic acid (Linoleic acid) (C18:2 n-6)	[60-33-3]	3,32 ± 0,42	g/100 g		
certified value	(Z,Z,Z)-9,12,15-Octadecatrienoic acid (Alpha-linolenic acid) (C18:3 n-3)	[463-40-1]	0,133 ± 0,020	g/100 g		

	atrienoic acid (alpha-L inolenic acid) (C18:3 n -3)			
certified value	Eicosanoic acid (Arachi dic acid) (C20:0)	[506-30-9]	0,0329 ± 0,0009	g/100 g
certified value	(Z)-11-Eicosenoic acid (Gondoic acid) (C20:1 n -9)	[5561-99-9]	0,1322 ± 0,0044	g/100 g
certified value	(Z,Z,Z,Z)-5,8,11,14-Eic osatetraenoic acid (Ara chidonic acid) (C20:4 n -6)	[506-32-1]	0,0201 ± 0,0011	g/100 g
certified value	Docosanoic acid (Beheni c acid) (C22:0)	[112-85-6]	0,0442 ± 0,0010	g/100 g
certified value	Tetracosanoic acid (Lig noceric acid) (C24:0)	[557-59-5]	0,0068 ± 0,0003	g/100 g
certified value	(Z)-15-Tetracosenoic ac id (C24:1) (Nervonic Ac id)	[506-37-6]	0,0228 ± 0,0009	g/100 g
certified value	Cholesterol	[57-88-5]	0,717 ± 0,022	mg/g
certified value	Copper (Cu)	[7440-50-8]	0,605 ± 0,051	mg/kg
certified value	Iron (Fe)	[7439-89-6]	10,17 ± 0,35	mg/kg
certified value	Magnesium (Mg)	[7439-95-4]	178,1 ± 4,8	mg/kg
certified value	Manganese (Mn)	[7439-96-5]	0,286 ± 0,024	mg/kg
certified value	Phosphorus (P)	[7723-14-0]	1651 ± 32	mg/kg
certified value	Potassium (K)	[7440-09-7]	2490 ± 210	mg/kg
certified value	Selenium (Se)	[7782-49-2]	0,288 ± 0,009	mg/kg
certified value	Sodium (Na)	[7440-23-5]	9600 ± 1100	mg/kg
certified value	Zinc (Zn)	[7440-66-6]	17,88 ± 0,35	mg/kg
certified value	Niacin	[59-67-6]	0,401 ± 0,022	mg/kg
certified value	Niacinamide (Vitamin B3)	[98-92-0]	38,18 ± 0,74	mg/kg
certified value	Total Vitamin B3 as Nia cinamide	[98-92-0]	41,0 ± 4,8	mg/kg
certified value	Pantothenic Acid (Vitam in B5)		4,58 ± 0,59	mg/kg
certified value	Pyridoxamine (Vitamin B 6)	[85-87-0]	0,272 ± 0,054	mg/kg

certified value	25-Hydroxyvitamin D3	[19356-17-3]	0,00090 ± 0,00012	mg/kg
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