

Protein Drink Mix - Proximates, fatty acids, cholesterol, vitamins, elements, and amino acids

Art. ID	NIST-3252
Unit	5 pouches x 10 g each
Delivery details	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is intended primarily for validation of methods for determining proximates, fatty acids, cholesterol, vitamins, elements, and amino acids in protein drink mixes and similar materials. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Coverage factor k =2	Octanoic acid (Caprylic acid) (C8:0)	[124-07-2]	0,0097 ± 0,0014	g/100 g		
Coverage factor k =2	(Z)-9-Tetradecenoic acid (Myristoleic acid) (C14:1)	[544-64-9]	0,0081 ± 0,0015	g/100 g		
Coverage factor k =2	(Z)-9-Hexadecenoic acid (Palmitoleic acid) (C16:1 n-7)	[373-49-9]	0,01649 ± 0,00069	g/100 g		
Coverage factor k =2	Total cis-C18:1 Fatty Acids		1,186 ± 0,072	g/100 g		
Coverage factor k =2,45	Cholesterol	[57-88-5]	0,5077 ± 0,0056	mg/g		
Coverage factor k =2	Thiamine (Vitamin B1)	[59-43-8]	12,3 ± 1,6	mg/kg		
Coverage factor k =2	Riboflavin (Vitamin B2)	[83-88-5]	28,7 ± 2,8	mg/kg		
Coverage factor k =2,08	Niacinamide (Vitamin B3)	[98-92-0]	269,7 ± 4,4	mg/kg		
Nicotinic acid, Coverage factor k =2,09	Niacin	[59-67-6]	7,33 ± 0,26	mg/kg		
Coverage factor k =2	Total Vitamin B3 as Niacinamide	[98-92-0]	287 ± 21	mg/kg		
Coverage factor k =2	Pantothenic Acid (Vitamin B5)		150 ± 12	mg/kg		
Coverage factor k =2,09	Pyridoxine (Vitamin B6)	[65-23-6]	29,2 ± 1,6	mg/kg		
Coverage factor k =2	Total Vitamin B6 as Pyridoxine		29,1 ± 2,7	mg/kg		
Coverage factor k =2,02	Biotin	[58-85-5]	4,43 ± 0,19	mg/kg		
Coverage factor k =2,07	Choline	[62-49-7]	1328 ± 17	mg/kg		
Coverage factor k =2	Barium (Ba)	[7440-39-3]	3,12 ± 0,14	mg/kg		

Coverage factor k =2	Calcium (Ca)	[7440-70-2]	17840 ± 990	mg/kg
Coverage factor k =2	Copper (Cu)	[7440-50-8]	36,36 ± 0,74	mg/kg
Coverage factor k =2	Iron (Fe)	[7439-89-6]	381 ± 13	mg/kg
Coverage factor k =2	Magnesium (Mg)	[7439-95-4]	6337 ± 174	mg/kg
Coverage factor k =2	Manganese (Mn)	[7439-96-5]	11,12 ± 0,48	mg/kg
Coverage factor k =2	Molybdenum (Mo)	[7439-98-7]	1,19 ± 0,20	mg/kg
Coverage factor k =2	Phosphorus (P)	[7723-14-0]	17210 ± 710	mg/kg
Coverage factor k =2	Potassium (K)	[7440-09-7]	11550 ± 530	mg/kg
Coverage factor k =2	Selenium (Se)	[7782-49-2]	0,596 ± 0,037	mg/kg
Coverage factor k =2	Sodium (Na)	[7440-23-5]	6820 ± 170	mg/kg
Coverage factor k =2	Strontium (Sr)	[7440-24-6]	13,65 ± 0,79	mg/kg
Coverage factor k =2	Zinc (Zn)	[7440-66-6]	235 ± 12	mg/kg