

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

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| 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 | | |

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| 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 |