

Soy Flour

Art. ID	NIST-3234
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for validation of methods for determining proximates, vitamins, elements, and amino acids in soy flour and similar materials. This SRM can also be used for quality assurance when assigning values to in-house reference materials. The SRM is a defatted soy flour prepared by a commercial manufacturer. A unit of NIST-3234 consists of one bottle that contains approximately 50 g of material and is sealed inside an aluminized pouch. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Dry-Mass Basis, Coverag e Factor, k: 2	Calcium (Ca)	[7440-70-2]	3191 ± 56	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2	Copper (Cu)	[7440-50-8]	15,34 ± 0,26	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2	Iron (Fe)	[7439-89-6]	80,3 ± 2,7	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2	Magnesium (Mg)	[7439-95-4]	3487 ± 60	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2	Manganese (Mn)	[7439-96-5]	36,78 ± 0,88	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2	Phosphorus (P)	[7723-14-0]	8080 ± 210	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2	Potassium (K)	[7440-09-7]	25010 ± 560	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2	Zinc (Zn)	[7440-66-6]	48,9 ± 1,1	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2,03	Riboflavin (Vitamin B2)	[83-88-5]	3.363 ± 0.041	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2,07	Niacin	[59-67-6]	4.59 ± 0.17	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2,03	Niacinamide	[98-92-0]	11.49 ± 0.13	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2,05	Total Vitamin B3 as Nia cinamide	[98-92-0]	16.04 ± 0.24	mg/kg		
Dry-Mass Basis, Coverag e Factor, k: 2,02	Pantothenic acid		11,45 ± 0,12	mg/kg		
Dry-Mass Basis, Coverag	Pyridoxal Hydrochloride	[65-22-5]	1,72 ± 0,10	mg/kg		

e Factor, k: 2				
Dry-Mass Basis, Coverage Factor, k: 2	Pyridoxamine dihydrochloride	[524-36-7]	1.277 ± 0.056	mg/kg
e Factor, k: 2,05				
Dry-Mass Basis, Coverage Factor, k: 2	Pyridoxine Hydrochloride	[58-56-0]	0,734 ± 0,089	mg/kg
e Factor, k: 2				
Dry-Mass Basis, Coverage Factor, k: 2	Total Vitamin B6 as Pyridoxine Hydrochloride		3,56 ± 0,20	mg/kg
e Factor, k: 2				
Dry-Mass Basis, Coverage Factor, k: 2	Choline	[62-49-7]	2799 ± 18	mg/kg
e Factor, k: 2				