

Out of Stock - Product is not available at this time - Wheat Flour

Art. ID	NIST-1567b
Unit	50 g
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is intended primarily for validation of methods for determining elements in wheat flour and similar materials. This SRM can also be used for quality assurance when assigning values to in-house reference materials. A unit of NIST-1567b consists of a single bottle containing approximately 50 g of material sealed inside an aluminized pouch. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value, Coverage Factor (k): 2	Cadmium (Cd)	[7440-43-9]	0,0254 ± 0,0009	mg/kg	NIST Method: GFAAS, RNAA	
Certified value, Coverage Factor (k): 2	Calcium (Ca)	[7440-70-2]	191,4 ± 3,3	mg/kg	NIST Method: FAAS, FES, WDXRF	
Certified value, Coverage Factor (k): 2	Chlorine (Cl)	[7782-50-5]	565,3 ± 8,6	mg/kg	NIST Method: INAA, WDXRF	
Certified value, Coverage Factor (k): 2	Copper (Cu)	[7440-50-8]	2,03 ± 0,14	mg/kg	NIST Method: FAAS, ICP-MS, INAA, RNAA	
Certified value, Coverage Factor (k): 2	Iron (Fe)	[7439-89-6]	14,11 ± 0,33	mg/kg	NIST Method: FAAS, INAA, TIMS, WDXRF	
Certified value, Coverage Factor (k): 2,2	Lead (Pb)	[7439-92-1]	0,0104 ± 0,0024	mg/kg	NIST Method: ID-ICP-MS	
Certified value, Coverage Factor (k): 2	Magnesium (Mg)	[7439-95-4]	398 ± 12	mg/kg	NIST Method: DCP-AES, FAAS, INAA, WDXRF	
Certified value, Coverage Factor (k): 2	Manganese (Mn)	[7439-96-5]	9,00 ± 0,78	mg/kg	NIST Method: INAA, WDXRF	

Certified value, Coverage Factor (k): 2	Molybdenum (Mo)	[7439-98-7]	0,464 ± 0,034	mg/kg	NIST Method: ICP-MS, ICP-OES, ID-ICP-MS, INAA
Certified value, Coverage Factor (k): 2	Phosphorus (P)	[7723-14-0]	1333 ± 36	mg/kg	NIST Method: DCP-AES, ICP-OES, SPECTRO, WDXRF
Certified value, Coverage Factor (k): 2	Potassium (K)	[7440-09-7]	1325 ± 20	mg/kg	NIST Method: INAA, WDXRF
Certified value, Coverage Factor (k): 2	Rubidium (Rb)	[7440-17-7]	0,671 ± 0,012	mg/kg	NIST Method: ICP-MS, WDXRF
Certified value, Coverage Factor (k): 2	Selenium (Se)	[7782-49-2]	1,14 ± 0,10	mg/kg	NIST Method: HydAAS, ICP-MS, INAA
Certified value, Coverage Factor (k): 2	Sodium (Na)	[7440-23-5]	6,71 ± 0,21	mg/kg	NIST Method: ICP-OES, INAA, SF-ICP-MS
Certified value, Coverage Factor (k): 2	Sulfur	[7704-34-9]	1645 ± 25	mg/kg	NIST Method: TIMS, WDXRF
Certified value, Coverage Factor (k): 2	Zinc (Zn)	[7440-66-6]	11,61 ± 0,26	mg/kg	NIST Method: FAAS, INAA, WDXRF