

Rice Flour

Art. ID	NIST-1568c
Unit	50 g (bottle)
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is intended for the evaluation of analytical methods for the determination of elements in rice flour and similar matrices and for quality assurance when assigning values to in-house control materials. A unit of NIST-1568c consists of a single bottle containing approximately 50 g of material sealed inside an aluminized pouch.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Arsenic (As)	[7440-38-2]	0,367 ± 0,015	mg/kg		
	Cadmium (Cd)	[7440-43-9]	0,00989 ± 0,0004	mg/kg		
	Calcium (Ca)	[7440-70-2]	102,3 ± 15,8	mg/kg		
	Copper (Cu)	[7440-50-8]	3,06 ± 0,18	mg/kg		
	Iron (Fe)	[7439-89-6]	13 ± 1,5	mg/kg		
	Magnesium (Mg)	[7439-95-4]	1462 ± 210	mg/kg		
	Manganese (Mn)	[7439-96-5]	30,92 ± 0,22	mg/kg		
	Mercury (Hg)	[7439-97-6]	0,001785 ± 0,00005	mg/kg		
	Lead (Pb)	[7439-92-1]	0,0168 ± 0,0037	mg/kg		
	Potassium (K)	[7440-09-7]	3110 ± 353	mg/kg		
	Selenium (Se)	[7782-49-2]	0,0647 ± 0,0023	mg/kg		
	Sodium (Na)	[7440-23-5]	15,9 ± 1,6	mg/kg		
	Strontium (Sr)	[7440-24-6]	0,483 ± 0,01	mg/kg		
	Sulfur	[7704-34-9]	1155,5 ± 8,4	mg/kg		
	Zinc (Zn)	[7440-66-6]	23,45 ± 0,16	mg/kg		