

## Quinoa flour

Art. ID	NRC-KINO-1
Unit	18 g
Deliverydetails	No Dangerous Good /not restricted

### Description

KINO-1 is a Certified Reference Material (CRM) prepared at the National Research Council Canada (NRC) from food grade quinoa flour. A single unit of KINO-1 consists of 18 g of quinoa flour. This material is intended for the calibration of procedures and the development of methods for the determination of trace metals and minerals in quinoa flour or similar matrices

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Arsenic (As)	[7440-38-2]	0,001 ± 0,00038	mg/kg		
Certified value	Cadmium (Cd)	[7440-43-9]	0,063 ± 0,006	mg/kg		
Certified value	Iron (Fe)	[7439-89-6]	84,1 ± 2,6	mg/kg		
Certified value	Mercury (Hg)	[7439-97-6]	0,000 97 ± 0,00026	mg/kg		
Certified value	Lead (Pb)	[7439-92-1]	0,0028 ± 0,0008	mg/kg		
Certified value	Selenium (Se)	[7782-49-2]	0,17 ± 0,02	mg/kg		
Certified value	Strontium (Sr)	[7440-24-6]	2,49 ± 0,18	mg/kg		
Certified value	Zinc (Zn)	[7440-66-6]	30,6 ± 0,8	mg/kg		
Reference value	Calcium (Ca)	[7440-70-2]	720 ± 100	mg/kg		
Reference value	Magnesium (Mg)	[7439-95-4]	1970 ± 300	mg/kg		
Reference value	Potassium (K)	[7440-09-7]	6010 ± 720	mg/kg		
Reference value	Sodium (Na)	[7440-23-5]	37 ± 8	mg/kg		