

## **Avocado Powder**

Art. ID	NIST-2386
Unit	5 x 10 g
Deliverydetails	No Dangerous Good /not restricted

### Description

This Standard Reference Material (SRM) is intended for the evaluation of methods for the determination of elements, vitamins, amino acids, proximates, and fatty acids in a freeze-dried avocado powder and similar matrices and can be used for quality assurance, such as when assigning values to in-house control materials. A unit of SRM 2386 consists of five packets, each containing approximately 10 g of freeze-dried avocado powder. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified Mass Fraction Value (Dry-Mass Basis)	Calcium (Ca)	[7440-70-2]	777 ± 62	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Cadmium (Cd)	[7440-43-9]	0,1420 ± 0,0099	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Copper (Cu)	[7440-50-8]	16,22 ± 0,60	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Iron (Fe)	[7439-89-6]	33,6 ± 1,4	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Magnesium (Mg)	[7439-95-4]	2000 ± 540	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Manganese (Mn)	[7439-96-5]	10,72 ± 0,70	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Phosphorus (P)	[7723-14-0]	3590 ± 210	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Potassium (K)	[7440-09-7]	36400 ± 5000	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Sodium (Na)	[7440-23-5]	870 ± 140	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Zinc (Zn)	[7440-66-6]	36,6 ± 2,6	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Thiamine (Vitamin B1)	[59-43-8]	1,82 ± 0,17	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Riboflavin	[83-88-5]	7,7 ± 1,4	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Niacin	[59-67-6]	107 ± 31	mg/kg		
Certified Mass Fraction	Niacinamide	[98-92-0]	6,56 ± 0,87	mg/kg		

Value (Dry-Mass Basis)				
Certified Mass Fraction	Total Vitamin B3		101 ± 24	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Pantothenic acid		67 ± 11	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Pyridoxal		1,81 ± 0,68	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Pyridoxine	[65-23-6]	3,60 ± 0,41	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Total Vitamin B6 as Pyd		5,4 ± 2,1	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Ascorbic acid	[50-81-7]	186 ± 11	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Choline	[62-49-7]	1470 ± 140	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Carnitine	[541-15-1]	2,15 ± 0,46	mg/kg
Value (Dry-Mass Basis)				