

Multielement Tablets

Art. ID	NIST-3294
Unit	30 tablets x 5 bottles
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 dietary supplement tablets and similar matrices and for quality assurance when assigning values to in-house control materials. A unit of SRM 3294 consists of five bottles, each containing 30 tablets. The SRM is delivered as whole tablets because grinding may compromise stability. Each tablet weighs approximately 1.5 g. /// 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)	Boron (B)	[7440-42-8]	0,141 ± 0,007	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Calcium (Ca)	[7440-70-2]	110,7 ± 5,3	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Chlorine (Cl)	[7782-50-5]	53,0 ± 2,3	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Copper (Cu)	[7440-50-8]	1,40 ± 0,17	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Iodine (I)	[7553-56-2]	0,1327 ± 0,0066	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Iron (Fe)	[7439-89-6]	12,35 ± 0,91	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Magnesium (Mg)	[7439-95-4]	67,8 ± 4,0	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Manganese (Mn)	[7439-96-5]	1,44 ± 0,11	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Phosphorus (P)	[7723-14-0]	75,7 ± 3,2	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Potassium (K)	[7440-09-7]	53,1 ± 7,0	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Zinc (Zn)	[7440-66-6]	10,15 ± 0,81	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Arsenic (As)	[7440-38-2]	0,132 ± 0,044	mg/kg		
Certified Mass Fraction Value (Dry-Mass Basis)	Cadmium (Cd)	[7440-43-9]	0,08015 ± 0,00086	mg/kg		
Certified Mass Fraction	Chromium (Cr)	[7440-47-3]	93,7 ± 2,7	mg/kg		

Value (Dry-Mass Basis)				
Certified Mass Fraction	Lead (Pb)	[7439-92-1]	0,2727 ± 0,0024	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Molybdenum (Mo)	[7439-98-7]	70,7 ± 4,5	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Nickel (Ni)	[7440-02-0]	8,43 ± 0,30	mg/kg
Value (Dry-Mass Basis)				
Certified Mass Fraction	Selenium (Se)	[7782-49-2]	17,42 ± 0,45	mg/kg
Value (Dry-Mass Basis)				