

Out of Stock - Item is not available at this time - Air particulate on filter media - Trace elements

Art. ID NIST-2783
Unit 2 +2 blank (47 mm dia)
Deliverydetails No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM®) is an air particulate sample reduced in particle size to simulate PM2.5 air particulate matter (particles with an aerodynamic equivalent diameter of 2.5 µm) and deposited on a polycarbonate filter membrane. It is primarily intended for use in the evaluation and calibration of methods of analysis for common and toxic elements contained in various fractions of airborne particulate matter collected on filter media. A unit of NIST-2783 includes two loaded filters and two blank filters. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium (Al)	[7429-90-5]	23210	ng		
	Arsenic (As)	[7440-38-2]	11,8	ng		
	Barium (Ba)	[7440-39-3]	335	ng		
	Calcium (Ca)	[7440-70-2]	13200	ng		
	Cobalt (Co)	[7440-48-4]	7,7	ng		
	Chromium (Cr)	[7440-47-3]	135	ng		
	Copper (Cu)	[7440-50-8]	404	ng		
	Iron (Fe)	[7439-89-6]	26500	ng		
	Potassium (K)	[7440-09-7]	5280	ng		
	Magnesium (Mg)	[7439-95-4]	8620	ng		
	Manganese (Mn)	[7439-96-5]	320	ng		
	Sodium (Na)	[7440-23-5]	2860	ng		
	Nickel (Ni)	[7440-02-0]	68	ng		
	Lead (Pb)	[7439-92-1]	317	ng		
	Antimony (Sb)	[7440-36-0]	71,8	ng		
	Titanium (Ti)	[7440-32-6]	1490	ng		
	Vanadium (V)	[7440-62-2]	48,5	ng		
	Zinc (Zn)	[7440-66-6]	1790	ng		