

Multicomponent Glass (disk form)

Art. ID	NIST-1412a
Unit	2 discs
Deliverydetails	No Dangerous Good /not restricted

Description

This Standard Reference Material (SRM) is intended primarily for use in validation of chemical and instrumental methods of analysis for element contents of glass. It can be used to validate value assignment of a laboratory's in-house reference materials. A unit of NIST-1412a consists of two disks, each about 40 mm diameter, about 3 mm thick, and weighing approximately 9.5 g. /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
4,43 to 4,88 %	Aluminium (Al)	[7429-90-5]	4,63	%		
0,0127 to 0,0150 %	Antimony (Sb)	[7440-36-0]	0,0138	%		
0,0067 to 0,0099 %	Arsenic (As)	[7440-38-2]	0,0084	%		
0,085 to 0,122 %	Barium (Ba)	[7440-39-3]	0,102	%		
1,13 to 1,35 %	Boron (B)	[7440-42-8]	1,23	%		
0,0060 to 0,0086 %	Cadmium (Cd)	[7440-43-9]	0,0072	%		
2,61 to 3,04 %	Calcium (Ca)	[7440-70-2]	2,85	%		
0,0047 to 0,0074 %	Chromium (Cr)	[7440-47-3]	0,0059	%		
0,00778 to 0,00975 %	Iron (Fe)	[7439-89-6]	0,00881	%		
2,99 to 3,48 %	Potassium (K)	[7440-09-7]	3,27	%		
0,0136 to 0,0206 %	Lead (Pb)	[7439-92-1]	0,0176	%		
1,67 to 2,11 %	Lithium (Li)	[7439-93-2]	1,86	%		
2,19 to 2,49 %	Magnesium (Mg)	[7439-95-4]	2,33	%		
27,22 to 28,19 %	Silicon (Si)	[7440-21-3]	27,68	%		
0,0063 to 0,0101 %	Silver (Ag)	[7440-22-4]	0,008	%		
2,63 to 3,22 %	Sodium (Na)	[7440-23-5]	2,93	%		
3,23 to 3,64 %	Strontium (Sr)	[7440-24-6]	3,42	%		
2,87 to 3,37 %	Zinc (Zn)	[7440-66-6]	3,1	%		