

K-Feldsprar Nano-Pellet, pressed pellet diameter 20 mm (Standard for solid-state microanalysis)

Art. ID MY-FK-N-NP-XRF-20MM
Unit each (pressed pellet)
Deliverydetails No Dangerous Good /not restricted

Description

Pellet for X-ray fluorescence spectroscopy application /// XRF-analysers employ x-rays to interact with the sample. The x-rays excite the elements within the sample causing element-specific x-ray fluorescence.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Na2O		2,58 ± 0,05	g/100g		
	Al2O3		18,61 ± 0,14	g/100g		
	SiO2		65,02 ± 0,18	g/100g		
	P2O5		0,024 ± 0,01	g/100g		
	K2O		12,81 ± 0,14	g/100g		
	CaO		0,11 ± 0,02	g/100g		
	TiO2		0,02 ± 0,01	g/100g		
	MnO		0,005 ± 0,001	g/100g		
	Fe2O3(T)		0,09 ± 0,03	g/100g		
	Lithium (Li)	[7439-93-2]	8,5 ± 1,7	g/100g		
	Beryllium (Be)	[7440-41-7]	1 ± 0,11	g/100g		
	Scandium (Sc)	[7440-20-2]	0,05 ± 0,01	g/100g		
	Vanadium (V)	[7440-62-2]	0,5 ± 0,2	g/100g		
	Chromium (Cr)	[7440-47-3]	5 ± 1,8	g/100g		
	Cobalt (Co)	[7440-48-4]	14 ± 1,5	g/100g		
	Nickel (Ni)	[7440-02-0]	1,5 ± 0,5	g/100g		
	Copper (Cu)	[7440-50-8]	2 ± 1	g/100g		
	Zinc (Zn)	[7440-66-6]	10 ± 3	g/100g		
	Gallium (Ga)	[7440-55-3]	23 ± 2,5	g/100g		
	Rubidium (Rb)	[7440-17-7]	860 ± 50	g/100g		
	Strontium (Sr)	[7440-24-6]	39 ± 4	g/100g		
	Yttrium (Y)	[7440-65-5]	0,5 ± 0,1	g/100g		
	Zirconium (Zr)	[7440-67-7]	0,7 ± 0,2	g/100g		
	Molybdenum (Mo)	[7439-98-7]	0,25 ± 0,1	g/100g		
	Tin (Sn)	[7440-31-5]	0,3 ± 0,1	g/100g		
	Antimony (Sb)	[7440-36-0]	0,45 ± 0,08	g/100g		
	Caesium (Cs)	[7440-46-2]	7 ± 0,8	g/100g		
	Barium (Ba)	[7440-39-3]	200 ± 16	g/100g		

Lanthanum (La)	[7439-91-0]	0,95 ± 0,12	g/100g
Cerium (Ce)	[7440-45-1]	1 ± 0,1	g/100g
Praseodymium (Pr)	[7440-10-0]	0,09 ± 0,1	g/100g
Neodymium (Nd)	[7440-00-8]	0,3 ± 0,08	g/100g
Samarium (Sm)	[7440-19-9]	0,05 ± 0,02	g/100g
Europium (Eu)	[7440-53-1]	0,45 ± 0,04	g/100g
Gadolinium (Gd)	[7440-54-2]	0,06 ± 0,01	g/100g
Terbium (Tb)	[7440-27-9]	0,01 ± 0,005	g/100g
Dysprosium (Dy)	[7429-91-6]	0,06 ± 0,01	g/100g
Holmium (Ho)	[7440-60-0]	0,012 ± 0,004	g/100g
Erbium (Er)	[7440-52-0]	0,04 ± 0,01	g/100g
Thulium (Tm)	[7440-30-4]	0,006 ± 0,003	g/100g
Ytterbium (Yb)	[7440-64-4]	0,04 ± 0,02	g/100g
Lutetium (Lu)	[7439-94-3]	0,006 ± 0,002	g/100g
Tantalum (Ta)	[7440-25-7]	0,25 ± 0,04	g/100g
Tungsten (W)	[7440-33-7]	120 ± 15	g/100g
Lead (Pb)	[7439-92-1]	240 ± 20	g/100g
Uranium (U)	[7440-61-1]	0,15 ± 0,05	g/100g