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Phlogopite Nano-Pellet, pressed pellet diameter 13 mm (Standard for solid-state microanalysis)

Art. ID	MY-Mica-Mg-NP-LA-ICP-MS-13MM
Unit	each (pressed pellet)
Deliverydetails	No Dangerous Good /not restricted

Description
Pellet for LA-ICP-MS application /// The principle behind LA-ICP-MS (Laser Ablation - Inductively Coupled Plasma - Mass Spectrometry) involves a laser beam removing (ablating) material from a sample and analysing its chemical composition in a mass spectrometer

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Na2O		0,12 ± 0,05	g/100g		
	MgO	[1309-48-4]	20,4 ± 0,38	g/100g		
	Al2O3		15,2 ± 0,23	g/100g		
	SiO2		38,3 ± 0,19	g/100g		
	K2O		10 ± 0,16	g/100g		
	CaO		0,08 ± 0,02	g/100g		
	TiO2		1,63 ± 0,05	g/100g		
	MnO		0,26 ± 0,03	g/100g		
	Fe2O3(T)		9,46 ± 0,18	g/100g		
	Lithium (Li)	[7439-93-2]	110 ± 25	µg/g		
	Fluorine (F)	[7782-41-4]	28500 ± 800	µg/g		
	Vanadium (V)	[7440-62-2]	90 ± 15	µg/g		
	Chromium (Cr)	[7440-47-3]	100 ± 5	µg/g		
	Cobalt (Co)	[7440-48-4]	24 ± 2	µg/g		
	Nickel (Ni)	[7440-02-0]	110 ± 7	µg/g		
	Copper (Cu)	[7440-50-8]	4 ± 1	µg/g		
	Zinc (Zn)	[7440-66-6]	290 ± 13	µg/g		
	Gallium (Ga)	[7440-55-3]	21 ± 4	µg/g		
	Rubidium (Rb)	[7440-17-7]	1300 ± 40	µg/g		
	Strontium (Sr)	[7440-24-6]	27 ± 3	µg/g		
	Zirconium (Zr)	[7440-67-7]	16 ± 2	µg/g		
	Niobium (Nb)	[7440-03-1]	116 ± 5	µg/g		
	Tin (Sn)	[7440-31-5]	5 ± 0,5	µg/g		
	Caesium (Cs)	[7440-46-2]	55 ± 5	µg/g		
	Barium (Ba)	[7440-39-3]	4000 ± 250	µg/g		
	Tantalum (Ta)	[7440-25-7]	4,4 ± 0,4	µg/g		
	Tungsten (W)	[7440-33-7]	0,6 ± 0,2	µg/g		

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Lead (Pb)	[7439-92-1]	9 ± 3	µg/g