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Foraminifera Nano-Pellet, pressed pellet, diameter 10 mm (Standard for solid-state microanalysis)

Art. ID	MY-NFHS-2-NP-LA-ICP-MS-10MM
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
	Boron (B)	[7440-42-8]	7,7 ± 0,8	µg/g		
	Barium (Ba)	[7440-39-3]	76 ± 1	µg/g		
	Calcium (Ca)	[7440-70-2]	38,53 ± 0,61	g/100g		
	Cadmium (Cd)	[7440-43-9]	0,163 ± 0,009	µg/g		
	Cerium (Ce)	[7440-45-1]	1,5 ± 0,1	µg/g		
	Cobalt (Co)	[7440-48-4]	0,71 ± 0,05	µg/g		
	Caesium (Cs)	[7440-46-2]	0,08 ± 0,01	µg/g		
	Copper (Cu)	[7440-50-8]	6,4 ± 0,3	µg/g		
	Dysprosium (Dy)	[7429-91-6]	0,44 ± 0,02	µg/g		
	Erbium (Er)	[7440-52-0]	0,3 ± 0,01	µg/g		
	Europium (Eu)	[7440-53-1]	0,09 ± 0,01	µg/g		
	Gallium (Ga)	[7440-55-3]	0,19 ± 0,02	µg/g		
	Gadolinium (Gd)	[7440-54-2]	0,44 ± 0,06	µg/g		
	Holmium (Ho)	[7440-60-0]	0,1 ± 0,001	µg/g		
	Lanthanum (La)	[7439-91-0]	2,43 ± 0,11	µg/g		
	Lithium (Li)	[7439-93-2]	1,63 ± 0,15	µg/g		
	Lutetium (Lu)	[7439-94-3]	0,04 ± 0,005	µg/g		
	Magnesium (Mg)	[7439-95-4]	637 ± 28	µg/g		
	Manganese (Mn)	[7439-96-5]	87 ± 4	µg/g		
	Sodium (Na)	[7440-23-5]	1195 ± 52	µg/g		
	Neodymium (Nd)	[7440-00-8]	1,9 ± 0,09	µg/g		
	Nickel (Ni)	[7440-02-0]	1,64 ± 0,11	µg/g		
	Lead (Pb)	[7439-92-1]	1,65 ± 0,05	µg/g		
	Praseodymium (Pr)	[7440-10-0]	0,46 ± 0,04	µg/g		
	Rubidium (Rb)	[7440-17-7]	1,36 ± 0,06	µg/g		
	Scandium (Sc)	[7440-20-2]	0,44 ± 0,05	µg/g		
	Samarium (Sm)	[7440-19-9]	0,378 ± 0,004	µg/g		

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	Tin (Sn)	[7440-31-5]	0,29 ± 0,02	µg/g
	Strontium (Sr)	[7440-24-6]	1190 ± 45	µg/g
	87/86Sr		0,709163 ± 0,000008	
	Terbium (Tb)	[7440-27-9]	0,07 ± 0,01	µg/g
	Thorium (Th)	[7440-29-1]	0,14 ± 0,01	µg/g
	Thulium (Tm)	[7440-30-4]	0,04 ± 0,001	µg/g
	Yttrium (Y)	[7440-65-5]	3,91 ± 0,16	µg/g
	Ytterbium (Yb)	[7440-64-4]	0,25 ± 0,01	µg/g
	Zinc (Zn)	[7440-66-6]	15,9 ± 1,5	µg/g