

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

Art. ID MY-CRMS-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
	Calcium (Ca)	[7440-70-2]	33,2 ± 0,7	g/100g		
	Lithium (Li)	[7439-93-2]	7,29 ± 0,64	µg/g		
	7H-Benzo(c)fluorene	[205-12-9]	33,2 ± 5,7	µg/g		
	Sodium (Na)	[7440-23-5]	4271 ± 163	µg/g		
	Magnesium (Mg)	[7439-95-4]	23941 ± 692	µg/g		
	Aluminium (Al)	[7429-90-5]	1207 ± 38	µg/g		
	Silicon (Si)	[7440-21-3]	9461 ± 371	µg/g		
	Phosphorus (P)	[7723-14-0]	521 ± 26	µg/g		
	Potassium (K)	[7440-09-7]	427 ± 21	µg/g		
	Vanadium (V)	[7440-62-2]	2,91 ± 0,44	µg/g		
	Chromium (Cr)	[7440-47-3]	12,9 ± 2,6	µg/g		
	Manganese (Mn)	[7439-96-5]	254 ± 17	µg/g		
	Iron (Fe)	[7439-89-6]	2479 ± 88	µg/g		
	Cobalt (Co)	[7440-48-4]	2,33 ± 0,12	µg/g		
	Nickel (Ni)	[7440-02-0]	9,85 ± 1,2	µg/g		
	Copper (Cu)	[7440-50-8]	86,8 ± 5,7	µg/g		
	Zinc (Zn)	[7440-66-6]	42,9 ± 3,2	µg/g		
	Gallium (Ga)	[7440-55-3]	0,42 ± 0,04	µg/g		
	Rubidium (Rb)	[7440-17-7]	2,21 ± 0,15	µg/g		
	Strontium (Sr)	[7440-24-6]	2663 ± 59	µg/g		
	Yttrium (Y)	[7440-65-5]	1,15 ± 0,14	µg/g		
	Caesium (Cs)	[7440-46-2]	0,27 ± 0,02	µg/g		
	Barium (Ba)	[7440-39-3]	38,5 ± 2,3	µg/g		
	Lanthanum (La)	[7439-91-0]	6,62 ± 1,4	µg/g		
	Praseodymium (Pr)	[7440-10-0]	0,281 ± 0,041	µg/g		
	Neodymium (Nd)	[7440-00-8]	1,09 ± 0,15	µg/g		
	Samarium (Sm)	[7440-19-9]	0,18 ± 0,02	µg/g		

Europium (Eu)	[7440-53-1]	0,04 ± 0,01	µg/g
Gadolinium (Gd)	[7440-54-2]	0,16 ± 0,02	µg/g
Terbium (Tb)	[7440-27-9]	0,03 ± 0,01	µg/g
Dysprosium (Dy)	[7429-91-6]	0,16 ± 0,02	µg/g
Holmium (Ho)	[7440-60-0]	0,03 ± 0,01	µg/g
Erbium (Er)	[7440-52-0]	0,1 ± 0,02	µg/g
Ytterbium (Yb)	[7440-64-4]	0,1 ± 0,02	µg/g
Lutetium (Lu)	[7439-94-3]	0,016 ± 0,005	µg/g
Thorium (Th)	[7440-29-1]	0,17 ± 0,03	µg/g
Uranium (U)	[7440-61-1]	0,416 ± 0,037	µg/g