Labmix24 GmbH
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Gobi Kosa Dust

Art. ID	NIES-30
Unit	2 g
Deliverydetails	No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Sodium (Na)	[7440-23-5]	0.939 ± 0.071	%	AAS,ICP-OES,ICP-MS,INAA,PIXE,XRF	
Certified value	Magnesium (Mg)	[7439-95-4]	1.51 ± 0.13	%	ICP-OES,ICP-MS,INAA,PIXE,XRF	
Certified value	Aluminium (Al)	[7429-90-5]	7.58 ± 0.42	%	ICP-OES,ICP-MS,INAA,PIXE,XRF	
Certified value	Potassium (K)	[7440-09-7]	2.13 ± 0.11	%	AAS,ICP-OES,ICP-MS,INAA,PIXE,XRF	
Certified value	Calcium (Ca)	[7440-70-2]	4.25 ± 0.35	%	ICP-OES,ICP-MS,INAA,PIXE,XRF	
Certified value	Titanium (Ti)	[7440-32-6]	0.426 ± 0.040	%	ICP-OES,ICP-MS,INAA,PIXE,XRF	
Certified value	Iron (Fe)	[7439-89-6]	3.84 ± 0.35	%	ICP-OES,ICP-MS,INAA,PIXE,XRF	
Certified value	Manganese (Mn)	[7439-96-5]	768 ± 83	mg/kg	ICP-OES,ICP-MS,INAA,PIXE,XRF	
Certified value	Zinc (Zn)	[7440-66-6]	93.1 ± 8.5	mg/kg	ICP-OES,ICP-MS,INAA,PIXE,XRF	
Certified value	Strontium (Sr)	[7440-24-6]	250 ± 20	mg/kg	ICP-OES,ICP-MS,PIXE,	

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					XRF
Certified value	Barium (Ba)	[7440-39-3]	535 ± 31	mg/kg	ICP-OES,ICP-MS,INAA,XRF
Reference value	Silicon (Si)	[7440-21-3]	24,1	%	Gravimetry,ICP-OES,XRF
Reference value	Phosphorus (P)	[7723-14-0]	955	mg/kg	ICP-OES,XRF
Reference value	Scandium (Sc)	[7440-20-2]	13,1	mg/kg	ICP-MS,INAA
Reference value	Chromium (Cr)	[7440-47-3]	57,4	mg/kg	ICP-OES,XRF
Reference value	Cobalt (Co)	[7440-48-4]	13,7	mg/kg	ICP-MS,INAA
Reference value	Nickel (Ni)	[7440-02-0]	29,1	mg/kg	ICP-OES,ICP-MS
Reference value	Copper (Cu)	[7440-50-8]	34,1	mg/kg	ICP-OES,ICP-MS
Reference value	Lanthanum (La)	[7439-91-0]	40,4	mg/kg	ICP-OES,ICP-MS,INAA
Reference value	Lead (Pb)	[7439-92-1]	22,4	mg/kg	ICP-MS
Reference value	Thorium (Th)	[7440-29-1]	13	mg/kg	ICP-MS,INAA
Reference value	Uranium (U)	[7440-61-1]	2,62	mg/kg	ICP-MS,INAA