

Disthene (Kyanite)

Art. ID CRPG-DT-N
Unit 30 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Carbon (C)	[7440-44-0]	0,62 expressed in CO ₂ =2 ,27	%		
	SiO ₂		36,45	%		
	Al ₂ O ₃		59,2	%		
	Fe ₂ O ₃		0,55	%		
	FeO		0,1	%		
	MnO		0,008	%		
	MgO	[1309-48-4]	0,04	%		
	CaO		0,04	%		
	Na ₂ O		0,04	%		
	K ₂ O		0,12	%		
	TiO ₂		1,4	%		
	P ₂ O ₅		0,09	%		
	H ₂ O+		0,9	%		
	H ₂ O-		0,15	%		
	Fe ₂ O ₃ total		0,66	%		
proposed value	Loss on Ignition (LOI)		1,43	%		
proposed value	Arsenic (As)	[7440-38-2]	0,2	µg/g		
	Barium (Ba)	[7440-39-3]	130	µg/g		
proposed value	Beryllium (Be)	[7440-41-7]	0,3	µg/g		
proposed value	Bismuth (Bi)	[7440-69-9]	0,06	µg/g		
proposed value	Cadmium (Cd)	[7440-43-9]	0,1	µg/g		
	Cerium (Ce)	[7440-45-1]	134	µg/g		
proposed value	Chlorine (Cl)	[7782-50-5]	30	µg/g		
	Cobalt (Co)	[7440-48-4]	15	µg/g		
	Chromium (Cr)	[7440-47-3]	260	µg/g		
	Caesium (Cs)	[7440-46-2]	0,13	µg/g		
	Copper (Cu)	[7440-50-8]	7	µg/g		
	Dysprosium (Dy)	[7429-91-6]	2,4	µg/g		
	Erbium (Er)	[7440-52-0]	0,75	µg/g		
	Europium (Eu)	[7440-53-1]	1,45	µg/g		

proposed value	Fluorine (F)	[7782-41-4]	40	µg/g
proposed value	Gallium (Ga)	[7440-55-3]	30	µg/g
	Gadolinium (Gd)	[7440-54-2]	5,5	µg/g
proposed value	Germanium (Ge)	[7440-56-4]	4,9	µg/g
	Hafnium (Hf)	[7440-58-6]	10	µg/g
	Holmium (Ho)	[7440-60-0]	0,33	µg/g
proposed value	Indium (In)	[7440-74-6]	0,01	µg/g
	Lanthanum (La)	[7439-91-0]	90	µg/g
proposed value	Lithium (Li)	[7439-93-2]	26	µg/g
	Lutetium (Lu)	[7439-94-3]	0,14	µg/g
	Molybdenum (Mo)	[7439-98-7]	0,5	µg/g
	Niobium (Nb)	[7440-03-1]	34	µg/g
	Neodymium (Nd)	[7440-00-8]	52	µg/g
	Nickel (Ni)	[7440-02-0]	14	µg/g
	Lead (Pb)	[7439-92-1]	25	µg/g
	Praseodymium (Pr)	[7440-10-0]	15,5	µg/g
	Rubidium (Rb)	[7440-17-7]	6	µg/g
proposed value	Antimony (Sb)	[7440-36-0]	0,25	µg/g
	Scandium (Sc)	[7440-20-2]	2,1	µg/g
	Samarium (Sm)	[7440-19-9]	8,4	µg/g
	Tin (Sn)	[7440-31-5]	2,2	µg/g
	Strontium (Sr)	[7440-24-6]	30	µg/g
	Tantalum (Ta)	[7440-25-7]	2,7	µg/g
	Terbium (Tb)	[7440-27-9]	0,6	µg/g
	Thorium (Th)	[7440-29-1]	12	µg/g
	Thulium (Tm)	[7440-30-4]	0,1	µg/g
	Uranium (U)	[7440-61-1]	2,3	µg/g
	Vanadium (V)	[7440-62-2]	150	µg/g
	Tungsten (W)	[7440-33-7]	120	µg/g
	Yttrium (Y)	[7440-65-5]	6,6	µg/g
	Ytterbium (Yb)	[7440-64-4]	0,7	µg/g
	Zinc (Zn)	[7440-66-6]	28	µg/g
	Zirconium (Zr)	[7440-67-7]	370	µg/g