VIII. Klasse. Phosphate, Arsenate, Vanadate

Abteilung D: Wasserhaltig mit fremden Anionen

Mineral	Formel	Zusammensetzung in Masse-%							
Hämafibrit	$Mn_3((OH)_3/AsO_4)*H_2O$	MnO	57,09	As_2O_5	30,83	H_2O	12,08		
Veszelyit	$Cu_2Zn((OH)_3/PO_4)*2H_2O$	CuO	42,47	ZnO	21,74	P_2O_5	18,95	H_2O	16,84
Coeruleit	$Cu_2Al_7((O,OH)_3/AsO_4)_4*12H_2O$	CuO	12,32	Al_2O_3	27,64	As_2O_5	35,62	H_2O	24,42
Chalkophyllit	$Cu_{18}Al_2((OH)_9/SO_4/AsO_4)_3$ *$36H_2O$	CuO	47,56	Al_2O_3	3,39	SO_3	7,98	As_2O_5	11,45
		H_2O	29,62						
Lirokonit	$Cu_2Al((OH)_4/AsO_4)*4H_2O$	CuO	36,73	Al_2O_3	11,77	As_2O_5	26,54	H_2O	24,96
Evansit	$Al_3((OH)_6/PO_4)*6H_2O$	Al_2O_3	39,62	P_2O_5	18,38	H_2O	42,00		
Alvanit	$Al_3((OH)_6/VO_4)*2{,}5H_2O$	Al_2O_3	44,59	V_2O_5	26,52	H_2O	28,89		
Sampleit	$CaNaCu_5(Cl/(PO_4)_4)*5H_2O$	CaO	6,33	CuO	44,88	Na	2,59	Cl	4,00
		P_2O_5	32,04	H_2O	10,16				
Lavendulan	$CaNaCu_5(Cl/(AsO_4)_4)*4{,}5H_2O$	CuO	37,77	CaO	5,33	Na	2,18	Cl	3,37
		As_2O_5	43,65	H_2O	7,70				
Montgomeryit	$Ca_2Al_2(OH/(PO_4)_3)*7H_2O$	CaO	19,95	Al_2O_3	18,14	P_2O_5	37,87	H_2O	24,04
Calcioferrit	$Ca_2Fe_2(OH/(PO_4)_3)*7H_2O$	CaO	18,09	Fe_2O_3	25,76	P_2O_5	34,35	H_2O	21,80
Natrophosphat	$Na_6H((F,OH)/(PO_4)_2)*17H_2O$	Na_2O	23,37	Na	3,47	F	2,86	P_2O_5	21,40
		H_2O	48,90						
Minyulit	$KAl_2((F,OH)/(PO_4)_2)*4H_2O$	Al_2O_3	26,62	K	10,21	F	4,96	P_2O_5	37,05
		H_2O	21,16						
Overit	$CaMgAl(OH/(PO_4)_2)*4H_2O$	CaO	15,14	MgO	10,88	Al_2O_3	13,76	P_2O_5	38,33
		H_2O	21,89						
Segelerit	$CaMgFe(OH/(PO_4)_2)*4H_2O$	CaO	14,05	MgO	10,10	Fe_2O_3	20,00	P_2O_5	35,54
		H_2O	20,31						
Jahnsit	$(Ca,Mn)MgFe(OH/(PO_4)_2)$ *$4H_2O$	CaO	6,90	MnO	8,72	MgO	9,91	Fe_2O_3	19,64
		P_2O_5	34,90	H_2O	19,93				
Leukophosphit	$K(Fe,Al)_2(OH/PO_4)_2*2H_2O$	K_2O	13,49	Fe_2O_3	18,35	Al_2O_3	14,60	P_2O_5	40,66
		H_2O	12,90						
Isoklas	$Ca_2(OH/PO_4)*2H_2O$	CaO	49,15	P_2O_5	31,11	H_2O	19,74		
Arsenobismit	$Bi_4(OH/AsO_4)_3*H_2O$	Bi_2O_3	70,51	As_2O_5	26,08	H_2O	3,41		
Pharmakosiderit	$KFe_4((OH)_4/(AsO_4)_3)*4H_2O$	K_2O	5,75	Fe_2O_3	38,98	As_2O_5	42,08	H_2O	13,19
Mitridatit	$Ca_3Fe_4((OH)_6/(PO_4)_4)*3H_2O$	CaO	19,13	Fe_2O_3	36,31	P_2O_5	32,27	H_2O	12,29
Robertsit	$Ca_3Mn_4((OH)_6/(PO_4)_4)*3H_2O$	CaO	19,20	Mn_2O_3	36,05	P_2O_5	32,41	H_2O	12,34
Arsenosiderit	$Ca_3Fe_4((OH)_6/(AsO_4)_4)*3H_2O$	CaO	15,94	Fe_2O_3	30,26	As_2O_5	43,56	H_2O	10,24
Lehiit	$Ca_5Na_2Al_8((OH)_{12}/(PO_4)_8)$ *$6H_2O$	CaO	18,28	Na_2O	4,04	Al_2O_3	26,58	P_2O_5	37,01
		H_2O	14,09						
Englishit	$Ca_4K_2Al_8((OH)_{10}/(PO_4)_8)$ *$9H_2O$	CaO	14,51	K_2O	6,09	Al_2O_3	26,37	P_2O_5	36,72
		H_2O	16,31						
Foggit	$CaAl((OH)_2/PO_4)*H_2O$	CaO	26,20	Al_2O_3	23,82	P_2O_5	33,15	H_2O	16,83
Wardit	$NaAl_3((OH)_4/(PO_4)_2)*2H_2O$	Na_2O	7,79	Al_2O_3	38,43	P_2O_5	35,67	H_2O	18,11
Cyrilovit	$NaFe_3((OH)_4/(PO_4)_2)*2H_2O$	Na_2O	6,40	Fe_2O_3	49,43	P_2O_5	29,30	H_2O	14,87
Agardit	$YCu_6((OH)_6/(AsO_4)_3)$ *$3H_2O$	Y_2O_3	10,83	CuO	45,76	As_2O_5	33,05	H_2O	10,36
Tirolit	$Ca_2Cu_9((OH)_{10}/(AsO_4)_4)*10H_2O$	CaO	7,20	CuO	45,96	As_2O_5	29,50	H_2O	17,34
Morinit	$(Ca,Na)_3Al_2((F,OH)_5/(PO_4)_2)$ *H_2O	CaO	19,80	Na	20,71	F	10,07	Al_2O_3	18,00
		P_2O_5	25,06	H_2O	6,36				
Calciumferri-phosphat	$CaFe_3((OH)_8/PO_4)*4H_2O$	CaO	10,98	Fe_2O_3	46,90	P_2O_5	13,90	H_2O	28,22