

VIII. Klasse. Phosphate, Arsenate, Vanadate

Abteilung B: Wasserfrei mit fremden Anionen und mittelgroßen und großen Kationen

Mineral	Formel	Zusammensetzung in Masse-%							
Samuelsonit	$\text{Ca}_5\text{Ba}_4(\text{MnFeAl}(\text{OH}/(\text{PO}_4)_5)_2)$	CaO	13,96	BaO	30,53	MnO	7,06	FeO	7,15
		Al ₂ O ₃	5,08	H ₂ O	0,90	P ₂ O ₅	35,32		
Melonjosephit	$\text{CaFeFe}(\text{OH}/(\text{PO}_4)_2)$	CaO	15,63	FeO	20,03	Fe ₂ O ₃	22,26	H ₂ O	2,51
		P ₂ O ₅	39,57						
Tilasit	$\text{CaMg}(\text{F}/\text{AsO}_4)$	CaO	12,61	Ca	9,01	F	8,55	MgO	18,13
		As ₂ O ₅	51,70						
Durangit	$\text{NaAl}(\text{F}/\text{AsO}_4)$	Na	11,06	F	9,14	Al ₂ O ₃	24,52	As ₂ O ₅	55,28
Adelit	$\text{CaMg}(\text{OH}/\text{AsO}_4)$	CaO	24,45	MgO	18,30	H ₂ O	4,09	As ₂ O ₅	52,16
Austinit	$\text{CaZn}(\text{OH}/\text{AsO}_4)$	CaO	21,45	ZnO	31,14	H ₂ O	3,45	As ₂ O ₅	43,96
Konichalcit	$\text{CaCu}(\text{OH}/\text{AsO}_4)$	CaO	21,61	CuO	30,65	H ₂ O	3,47	As ₂ O ₅	44,27
Duftit	$\text{PbCu}(\text{OH}/\text{AsO}_4)$	PbO	52,32	CuO	18,64	H ₂ O	2,11	As ₂ O ₅	26,93
Gabrielsonit	$\text{PbFe}(\text{OH}/\text{AsO}_4)$	PbO	53,27	FeO	17,15	H ₂ O	2,15	As ₂ O ₅	27,43
Tangeit	$\text{CaCu}(\text{OH}/\text{VO}_4)$	CaO	23,81	CuO	33,77	H ₂ O	3,82	V ₂ O ₅	38,60
Descloizit	$\text{Pb}_2\text{ZnCu}(\text{OH}/\text{VO}_4)_2$	PbO	55,31	ZnO	10,08	CuO	9,85	H ₂ O	2,23
		V ₂ O ₅	22,53						
Pyrobelonit	$\text{PbMn}(\text{OH}/\text{AsO}_4)$	PbO	53,39	MnO	16,97	H ₂ O	2,15	As ₂ O ₅	27,49
Goedkenit	$\text{SrCaAl}(\text{OH}/(\text{PO}_4)_2)$	SrO	28,65	CaO	15,51	Al ₂ O ₃	14,10	H ₂ O	2,49
		P ₂ O ₅	39,25						
Kirrolith	$\text{Ca}_3\text{Al}_2(\text{OH}/(\text{PO}_4)_3)$	CaO	32,98	Al ₂ O ₃	19,99	H ₂ O	5,30	P ₂ O ₅	41,73
Brasilianit	$\text{NaAl}_3((\text{OH})_2/(\text{PO}_4)_2)$	Na ₂ O	8,56	Al ₂ O ₃	42,26	H ₂ O	9,96	P ₂ O ₅	39,22
Lacroixit	$\text{Ca}_2\text{Na}_4\text{Al}_3((\text{OH})_4/\text{F}_4/(\text{PO}_4)_3)$	CaO	16,45	Na	13,48	F	11,14	Al ₂ O ₃	22,43
		H ₂ O	5,28	P ₂ O ₅	31,22				
Bertossait	$\text{CaLi}_2\text{Al}_4(\text{OH}/\text{PO}_4)_4$	CaO	9,20	Li ₂ O	4,90	Al ₂ O ₃	33,44	H ₂ O	5,91
		P ₂ O ₅	46,55						
Palermoit	$\text{SrLi}_2\text{Al}_4(\text{OH}/\text{PO}_4)_4$	SrO	15,76	Li ₂ O	4,55	Al ₂ O ₃	31,02	H ₂ O	5,48
		P ₂ O ₅	43,19						
Karminit	$\text{PbFe}_2(\text{OH}/\text{AsO}_4)_2$	PbO	35,39	Fe ₂ O ₃	25,32	H ₂ O	2,86	As ₂ O ₅	36,43
Penikisit	$\text{BaMgFeAl}_2(\text{OH}/\text{PO}_4)_3$	BaO	25,25	MgO	6,64	FeO	11,83	Al ₂ O ₃	16,79
		H ₂ O	4,45	P ₂ O ₅	35,04				
Kulanit	$\text{Ba}_2\text{Fe}_2\text{MnMgAl}_4(\text{OH}/\text{PO}_4)_6$	BaO	24,62	FeO	11,54	MnO	5,70	MgO	3,24
		Al ₂ O ₃	16,37	H ₂ O	4,34	P ₂ O ₅	34,19		
Bjarebyit	$\text{BaMn}_2\text{Al}_2(\text{OH}/\text{PO}_4)_3$	BaO	24,07	MnO	22,27	Al ₂ O ₃	16,00	H ₂ O	4,24
		P ₂ O ₅	33,42						
Perloffit	$\text{BaMnFeFe}_2(\text{OH}/\text{PO}_4)_3$	BaO	22,04	MnO	10,20	FeO	10,33	Fe ₂ O ₃	22,95
		H ₂ O	3,88	P ₂ O ₅	30,60				
Jagowerit	$\text{BaAl}_2(\text{OH}/\text{PO}_4)_2$	BaO	36,93	Al ₂ O ₃	24,55	H ₂ O	4,34	P ₂ O ₅	34,18
Mounanait	$\text{PbFe}_2(\text{OH}/\text{VO}_4)_2$	PbO	38,30	Fe ₂ O ₃	27,40	H ₂ O	3,09	V ₂ O ₅	31,21
Bayldonit	$\text{PbCu}_3(\text{OH}/\text{AsO}_4)_2$	PbO	31,45	CuO	33,63	H ₂ O	2,54	As ₂ O ₅	32,38
Vesignieit	$\text{BaCu}_3(\text{OH}/\text{VO}_4)_2$	BaO	25,91	CuO	40,32	H ₂ O	3,04	V ₂ O ₅	30,73
Heyit	$\text{Pb}_5\text{Fe}_2(\text{O}_4/(\text{VO}_4)_2)$	PbO	77,41	FeO	9,97	V ₂ O ₅	12,62		
Tsumebit	$\text{Pb}_2\text{Cu}(\text{OH}/\text{SO}_4/\text{PO}_4)$	PbO	65,07	CuO	11,60	H ₂ O	1,31	SO ₃	11,67
		P ₂ O ₅	10,35						