

## VIII. Klasse. Phosphate, Arsenate, Vanadate

Abteilung B: Wasserfrei mit fremden Anionen

Mineral	Formel	Zusammensetzung in Masse-%							
Herderit	$\text{Ca}_2\text{Be}_2(\text{F}/\text{OH}/(\text{PO}_4)_2)$	CaO	17,74	Ca	12,68	F	6,01	BeO	15,82
		H <sub>2</sub> O	2,85	P <sub>2</sub> O <sub>5</sub>	44,90				
Väyrynenit	$\text{MnBe}(\text{OH}/\text{PO}_4)$	MnO	40,32	BeO	14,22	H <sub>2</sub> O	5,12	P <sub>2</sub> O <sub>5</sub>	40,34
Babefphit	$\text{Ba}_2\text{Be}_2(\text{F}_2/(\text{PO}_4)_2)$	BaO	29,45	Ba	26,38	F	7,30	BeO	9,61
		P <sub>2</sub> O <sub>5</sub>	27,26						
Amblygonit	$\text{LiNaAl}_2(\text{F}/\text{OH}/(\text{PO}_4)_2)$	Li <sub>2</sub> O	5,73	Na	7,35	F	6,07	Al <sub>2</sub> O <sub>3</sub>	32,59
		H <sub>2</sub> O	2,88	P <sub>2</sub> O <sub>5</sub>	45,38				
Tavorit	$\text{LiFe}(\text{F}/\text{PO}_4)$	Li	5,53	F	10,57	Fe <sub>2</sub> O <sub>3</sub>	44,42	P <sub>2</sub> O <sub>5</sub>	39,48
Zwieselit-Triplit	$\text{FeMn}(\text{F}/\text{PO}_4)$	Fe	12,42	F	8,45	FeO	15,98	MnO	31,56
		P <sub>2</sub> O <sub>5</sub>	31,59						
Wagnerit	$\text{Mg}_2(\text{F}/\text{PO}_4)$	Mg	7,48	F	11,68	MgO	37,19	P <sub>2</sub> O <sub>5</sub>	43,65
Wolfeit-Triploidit	$\text{FeMn}(\text{OH}/\text{PO}_4)$	FeO	32,26	MnO	31,84	H <sub>2</sub> O	4,04	P <sub>2</sub> O <sub>5</sub>	31,86
Sarkinit	$\text{Mn}_2(\text{OH}/\text{AsO}_4)$	MnO	53,37	H <sub>2</sub> O	3,39	As <sub>2</sub> O <sub>5</sub>	43,24		
Libethenit	$\text{Cu}_2(\text{OH}/\text{PO}_4)$	CuO	66,54	H <sub>2</sub> O	3,77	P <sub>2</sub> O <sub>5</sub>	26,69		
Olivenit	$\text{Cu}_2(\text{OH}/\text{AsO}_4)$	CuO	56,21	H <sub>2</sub> O	3,18	As <sub>2</sub> O <sub>5</sub>	40,61		
Adamin	$\text{Zn}_2(\text{OH}/\text{AsO}_4)$	ZnO	56,78	H <sub>2</sub> O	3,14	As <sub>2</sub> O <sub>5</sub>	40,08		
Eveit	$\text{Mn}_2(\text{OH}/\text{AsO}_4)$	MnO	53,37	H <sub>2</sub> O	3,39	As <sub>2</sub> O <sub>5</sub>	43,24		
Tarbuttit	$\text{Zn}_2(\text{OH}/\text{PO}_4)$	ZnO	67,06	H <sub>2</sub> O	3,71	P <sub>2</sub> O <sub>5</sub>	29,23		
Lazulith	$\text{MgFeAl}_2(\text{OH}/\text{PO}_4)_4$	MgO	6,34	FeO	11,30	Al <sub>2</sub> O <sub>3</sub>	32,06	H <sub>2</sub> O	5,67
		P <sub>2</sub> O <sub>5</sub>	44,63						
Barbosolith	$\text{MgFeFe}_2(\text{OH}/\text{PO}_4)_4$	MgO	6,81	FeO	12,14	Fe <sub>2</sub> O <sub>3</sub>	26,99	H <sub>2</sub> O	6,09
		P <sub>2</sub> O <sub>5</sub>	47,97						
Trolleit	$\text{Al}_4(\text{OH}/\text{PO}_4)_3$	Al <sub>2</sub> O <sub>3</sub>	45,94	H <sub>2</sub> O	6,09	P <sub>2</sub> O <sub>5</sub>	47,97		
Rockbridgeit	$\text{MnFeFe}_8((\text{OH})_5/(\text{PO}_4)_3)_2$	MnO	5,47	FeO	5,54	Fe <sub>2</sub> O <sub>3</sub>	49,23	H <sub>2</sub> O	6,94
		P <sub>2</sub> O <sub>5</sub>	32,82						
Laubmannit	$\text{Fe}_3\text{Fe}_6((\text{OH})_3/\text{PO}_4)_4$	FeO	19,84	Fe <sub>2</sub> O <sub>3</sub>	44,08	H <sub>2</sub> O	9,95	P <sub>2</sub> O <sub>5</sub>	26,13
Angelellit	$\text{Fe}_4(\text{O}_3/(\text{AsO}_4)_2)$	Fe <sub>2</sub> O <sub>3</sub>	58,15	As <sub>2</sub> O <sub>5</sub>	41,85				
Pseudomalachit	$\text{Cu}_5((\text{OH})_2/\text{PO}_4)_2$	CuO	69,08	H <sub>2</sub> O	6,26	P <sub>2</sub> O <sub>5</sub>	24,66		
Cornwallit	$\text{Cu}_5((\text{OH})_2/\text{AsO}_4)_2$	CuO	59,93	H <sub>2</sub> O	5,43	As <sub>2</sub> O <sub>5</sub>	34,64		
Arsenoklasit	$\text{Mn}_5((\text{OH})_2/\text{AsO}_4)_2$	MnO	57,15	H <sub>2</sub> O	5,81	As <sub>2</sub> O <sub>5</sub>	37,04		
Augelith	$\text{Al}_2((\text{OH})_3/\text{PO}_4)$	Al <sub>2</sub> O <sub>3</sub>	51,00	H <sub>2</sub> O	13,51	P <sub>2</sub> O <sub>5</sub>	35,49		
Cornetit	$\text{Cu}_3((\text{OH})_3/\text{PO}_4)$	CuO	70,89	H <sub>2</sub> O	8,03	P <sub>2</sub> O <sub>5</sub>	21,08		
Klinoklas	$\text{Cu}_3((\text{OH})_3/\text{AsO}_4)$	CuO	62,70	H <sub>2</sub> O	7,10	As <sub>2</sub> O <sub>5</sub>	30,20		
Flinkit	$\text{Mn}_2\text{Mn}((\text{OH})_4/\text{AsO}_4)$	MnO	38,17	MnO <sub>2</sub>	21,23	H <sub>2</sub> O	9,69	As <sub>2</sub> O <sub>5</sub>	30,91
Retzian	$\text{Mn}_2\text{Y}((\text{OH})_4/\text{AsO}_4)$	MnO	34,97	Y <sub>2</sub> O <sub>3</sub>	27,83	H <sub>2</sub> O	8,88	As <sub>2</sub> O <sub>5</sub>	28,32
Allaktit	$\text{Mn}_7((\text{OH})_4/\text{AsO}_4)_2$	MnO	62,18	H <sub>2</sub> O	9,03	As <sub>2</sub> O <sub>5</sub>	28,79		
Chlorophönicit	$\text{Zn}_2\text{Mn}_2\text{Fe}((\text{OH})_7/\text{AsO}_4)$	ZnO	29,36	MnO	25,59	FeO	12,96	H <sub>2</sub> O	11,37
		As <sub>2</sub> O <sub>5</sub>	20,72						
Hämatolith	$\text{Mn}_8\text{MnAl}((\text{OH})_8/\text{AsO}_4)_2$	MnO	52,97	MnO <sub>2</sub>	7,37	Al <sub>2</sub> O <sub>3</sub>	4,76	H <sub>2</sub> O	13,45
		As <sub>2</sub> O <sub>5</sub>	21,45						
Asowskit	$\text{Fe}_3((\text{OH})_6/\text{PO}_4)$	Fe <sub>2</sub> O <sub>3</sub>	65,70	H <sub>2</sub> O	14,83	P <sub>2</sub> O <sub>5</sub>	19,47		