

VIII. Klasse. Phosphate, Arsenate, Vanadate

Abteilung E: Uranylphosphate, - Arsenate, - „Vanadate“

Mineral	Formel	Zusammensetzung in Masse-%							
Sabugalit	$(\text{HAU})(\text{UO}_2/\text{PO}_4)_4 \cdot 16\text{H}_2\text{O}$	Al_2O_3	2,87	UO_3	64,41	P_2O_5	15,98	H_2O	16,74
Saléit	$\text{Mg}(\text{UO}_2/\text{PO}_4)_2 \cdot 10\text{H}_2\text{O}$	MgO	4,31	UO_3	61,22	P_2O_5	15,19	H_2O	19,28
Bassetit	$\text{Fe}(\text{UO}_2/\text{PO}_4)_2 \cdot 12\text{H}_2\text{O}$	FeO	7,17	UO_3	57,09	P_2O_5	14,72	H_2O	21,57
Torbernit	$\text{Cu}(\text{UO}_2/\text{PO}_4)_2 \cdot 10\text{H}_2\text{O}$	CuO	8,17	UO_3	58,75	P_2O_5	14,58	H_2O	18,50
Autunit	$\text{Ca}(\text{UO}_2/\text{PO}_4)_2 \cdot 10\text{H}_2\text{O}$	CaO	5,90	UO_3	60,20	P_2O_5	14,94	H_2O	18,96
Uranocircit	$\text{Ba}(\text{UO}_2/\text{PO}_4)_2 \cdot 8\text{H}_2\text{O}$	BaO	15,16	UO_3	56,56	P_2O_5	14,03	H_2O	14,25
Ankoleit	$\text{K}_2(\text{UO}_2/\text{PO}_4)_2 \cdot 6\text{H}_2\text{O}$	K_2O	10,28	UO_3	62,43	P_2O_5	15,49	H_2O	11,80
Uramphit	$(\text{NH}_4)_2(\text{UO}_2/\text{PO}_4)_2 \cdot 6\text{H}_2\text{O}$	NH_3	3,90	UO_3	65,43	P_2O_5	16,24	H_2O	14,43
Trögerit	$\text{H}_2(\text{UO}_2/\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	UO_3	59,34	As_2O_5	23,84	H_2O	16,82		
Novačekit	$\text{Mg}(\text{UO}_2/\text{AsO}_4)_2 \cdot 10\text{H}_2\text{O}$	MgO	3,94	UO_3	55,96	As_2O_5	22,48	H_2O	17,62
Lodevit	$\text{Zn}(\text{UO}_2/\text{AsO}_4)_2 \cdot 10\text{H}_2\text{O}$	ZnO	7,66	UO_3	53,79	As_2O_5	21,61	H_2O	16,94
Kahlerit	$\text{Fe}(\text{UO}_2/\text{AsO}_4)_2 \cdot 12\text{H}_2\text{O}$	FeO	6,59	UO_3	52,49	As_2O_5	21,09	H_2O	19,83
Kirchheimerit	$\text{Co}(\text{UO}_2/\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	CoO	7,34	UO_3	56,02	As_2O_5	22,51	H_2O	14,12
Zeunerit	$\text{Cu}(\text{UO}_2/\text{AsO}_4)_2 \cdot 10\text{H}_2\text{O}$	CuO	7,49	UO_3	53,89	As_2O_5	21,65	H_2O	16,97
Uranospinit	$\text{Ca}(\text{UO}_2/\text{AsO}_4)_2 \cdot 12\text{H}_2\text{O}$	CaO	5,22	UO_3	53,25	As_2O_5	21,40	H_2O	20,13
Heinrichit	$\text{Ba}(\text{UO}_2/\text{AsO}_4)_2 \cdot 10\text{H}_2\text{O}$	BaO	13,51	UO_3	50,38	As_2O_5	20,24	H_2O	15,87
Abernathyit	$\text{K}_2(\text{UO}_2/\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$	K_2O	9,06	UO_3	54,98	As_2O_5	22,10	H_2O	13,86
Phosphuranylit	$\text{Ca}((\text{UO}_2)_4/(\text{OH})_4/(\text{PO}_4)_2) \cdot 8\text{H}_2\text{O}$	CaO	3,68	UO_3	75,15	P_2O_5	9,32	H_2O	11,83
Kivuit	$\text{ThH}_2((\text{UO}_2)_4/(\text{OH})_8/(\text{PO}_4)_2) \cdot 7\text{H}_2\text{O}$	ThO	14,95	UO_3	64,77	P_2O_5	8,04	H_2O	12,24
Sengierit	$\text{Cu}(\text{UO}_2/\text{OH}/\text{VO}_4)_2 \cdot 3\text{H}_2\text{O}$	CuO	15,31	UO_3	55,05	V_2O_5	17,50	H_2O	12,14
Parsonsit	$\text{Pb}_2(\text{UO}_2/\text{PO}_4)_2 \cdot 2\text{H}_2\text{O}$	Pb_2O	36,46	UO_3	48,46	P_2O_5	12,03	H_2O	3,05
Hallimondit	$\text{Pb}_2(\text{UO}_2/\text{AsO}_4)_2 \cdot 2\text{H}_2\text{O}$	Pb_2O	33,93	UO_3	45,11	As_2O_5	18,12	H_2O	2,84
Prjevalskit	$\text{Pb}(\text{UO}_2/\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$	PbO	22,11	UO_3	56,69	P_2O_5	14,06	H_2O	7,14
Dumontit	$\text{Pb}_2((\text{UO}_2)_3/(\text{OH})_4/(\text{PO}_4)_2) \cdot 3\text{H}_2\text{O}$	PbO	29,05	UO_3	55,85	P_2O_5	9,24	H_2O	5,86
Hügelit	$\text{Pb}_2((\text{UO}_2)_3/(\text{OH})_4/(\text{AsO}_4)_2) \cdot 3\text{H}_2\text{O}$	PbO	27,48	UO_3	52,82	As_2O_5	14,15	H_2O	5,55
Coconinoit	$\text{Fe}_2\text{Al}_2((\text{UO}_2)_2/(\text{OH})_2/\text{SO}_4/(\text{PO}_4)_4) \cdot 20\text{H}_2\text{O}$	Fe_2O_3	10,13	Al_2O_3	6,47	SO_3	5,08	UO_3	36,30
		P_2O_5	18,01	H_2O	24,01				
Walpurgin	$(\text{BiO})_4(\text{UO}_2/\text{AsO}_4)_2 \cdot 3\text{H}_2\text{O}$	BiO	52,69	UO_3	30,69	As_2O_5	13,46	H_2O	3,16
Carnotit	$\text{K}_2((\text{UO}_2)_2/(\text{VO}_4)_2) \cdot 3\text{H}_2\text{O}$	K_2O	10,44	UO_3	63,41	V_2O_5	20,16	H_2O	5,99
Tujaminit	$\text{Ca}((\text{UO}_2)_2/(\text{VO}_4)_2) \cdot 5\text{H}_2\text{O}$	CaO	6,23	UO_3	63,55	V_2O_5	20,21	H_2O	1,01
Strelkinit	$\text{Na}_2((\text{UO}_2)_2/(\text{VO}_4)_2) \cdot 6\text{H}_2\text{O}$	Na_2O	6,71	UO_3	61,91	V_2O_5	19,68	H_2O	11,70
Vanuralit	$\text{Al}(\text{OH}/(\text{UO}_2)_2/(\text{VO}_4)_2) \cdot 10\text{H}_2\text{O}$	Al_2O_3	5,13	UO_3	57,54	V_2O_5	18,30	H_2O	19,03
Françevillit	$\text{Ba}((\text{UO}_2)_2/(\text{VO}_4)_2) \cdot 5\text{H}_2\text{O}$	BaO	15,37	UO_3	57,36	V_2O_5	18,24	H_2O	9,03
Curienit	$\text{Pb}((\text{UO}_2)_2/(\text{VO}_4)_2) \cdot 5\text{H}_2\text{O}$	PbO	20,91	UO_3	53,60	V_2O_5	17,04	H_2O	8,44
Ferghanit	$\text{LiH}((\text{OH})_4/(\text{UO}_2)_4/(\text{VO}_4)_2)$	Li_2O	1,08	UO_3	82,55	V_2O_5	13,12	H_2O	3,25
Rauvit	$\text{Ca}((\text{UO}_2)_2/\text{V}_{10}\text{O}_{28}) \cdot 16\text{H}_2\text{O}$	CaO	3,07	UO_3	31,33	V_2O_5	49,81	H_2O	15,79
Uvanit	$(\text{UO}_2)_2\text{V}_6\text{O}_{17} \cdot 15\text{H}_2\text{O}$	UO_2	41,22	V_2O_5	39,31	H_2O	15,47		