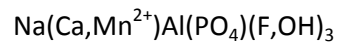


1. odstraň hodnoty pod detekčním limitem

2. spočítej vzorec viitaniemiitu



3. dopočítej množství H₂O ve vzorci

4. spočítej přebytek kyslíku (-O=F)

5. vytvoř tabulku s analýzami a vzorci

		61.97894	101.9613	60.0843	40.3044	141.9445	94.196	71.8464
DataSet/Pc	Comment	Na ₂ O	Al ₂ O ₃	SiO ₂	MgO	P ₂ O ₅	K ₂ O	FeO
22 / 1 .	StevkoM14	12.674	20.742	0	0.09	29.1	0.002	2.498
24 / 1 .	StevkoM14	12.735	20.568	0	0.066	29.345	0.017	2.243
25 / 1 .	StevkoM14	12.698	20.538	0	0.039	29.997	0	1.935
26 / 1 .	StevkoM14	12.147	20.365	0.015	0.129	29.986	0.03	2.622
27 / 1 .	StevkoM14	12.262	20.582	0.018	0.056	29.64	0	1.781
28 / 1 .	StevkoM14	12.798	20.759	0.005	0.088	29.365	0.025	2.373

	70.93745	18.9984	56.0774	103.6194	153.3264	79.8788	81.3894	35.4527	
MnO	F	CaO	SrO	BaO	TiO2	ZnO	Cl	Total	
10.611	15.997	12.163	0.032	0.072	0	0	0.006	103.987	
10.487	15.97	12.332	0.059	0.062	0.015	0.046	0.003	103.947	
10.112	16.12	12.802	0.019	0.039	0	0	0.008	104.307	
11.063	16.458	11.527	0.033	0.026	0	0.002	0.014	104.417	
9.894	16.199	13.481	0	0	0	0.074	0.001	103.988	
10.517	16.219	12.345	0.034	0.089	0.018	0.004	0	104.641	

Na	Al	Si	Mg	P	K	Fe	Mn	F
9.402	10.977	0	0.054	12.7	0.001	1.942	8.218	15.997
9.447	10.886	0	0.04	12.806	0.015	1.743	8.122	15.97
9.42	10.87	0	0.023	13.091	0	1.504	7.831	16.12
9.011	10.778	0.007	0.078	13.086	0.025	2.038	8.568	16.458
9.097	10.893	0.009	0.033	12.935	0	1.384	7.662	16.199
9.494	10.987	0.003	0.053	12.815	0.021	1.845	8.145	16.219

Ca	Sr	Ba	Ti	Zn	Cl	O	Total	Na
8.693	0.027	0.065	0	0	0.006	35.905	103.987	8.671
8.813	0.05	0.055	0.009	0.037	0.003	35.951	103.947	8.71
9.15	0.016	0.035	0	0	0.008	36.239	104.307	8.63
8.239	0.028	0.023	0	0.002	0.014	36.063	104.417	8.274
9.635	0	0	0	0.06	0.001	36.08	103.988	8.362
8.823	0.028	0.079	0.011	0.003	0	36.114	104.641	8.694

Al	Si	Mg	P	K	Fe	Mn	F	Ca
8.626	0	0.047	8.693	0.001	0.737	3.172	17.854	4.598
8.551	0	0.035	8.763	0.008	0.662	3.133	17.816	4.661
8.485	0	0.02	8.902	0	0.567	3.002	17.87	4.808
8.432	0.005	0.067	8.919	0.013	0.77	3.292	18.287	4.339
8.532	0.006	0.029	8.825	0	0.524	2.947	18.019	5.08
8.572	0.002	0.046	8.71	0.011	0.695	3.121	17.973	4.634

Sr	Ba	Ti	Zn	Cl	O	Total	Na	Al
0.007	0.01	0	0	0.004	47.58	100	637	383
0.012	0.009	0.004	0.012	0.002	47.624	100	623	405
0.004	0.005	0	0	0.005	47.703	100	636	396
0.007	0.004	0	0.001	0.008	47.58	100	609	369
0	0	0	0.019	0	47.655	100	752	389
0.007	0.012	0.005	0.001	0	47.516	100	615	399

Si	Mg	P	K	Fe	Mn	F	Ca	Sr	
-15	321	490	461	732	640	762	341	849	
-1	328	443	492	710	649	733	329	933	
-6	343	523	-2	710	779	748	336	1107	
181	323	467	466	767	695	717	321	928	
187	342	546	1.#INF	778	722	764	328	-3	
180	326	486	482	771	733	725	342	970	

Ba	Ti	Zn	Cl	O	Na	Al	Si	Mg	
1014		0	-1	652		0.692	0.28	-0.001	0.032
1036		219	995	646		0.695	0.279	0	0.031
1094		0	0	625		0.699	0.285	0	0.031
1047		-1	988	539		0.666	0.276	0.015	0.034
-5		-1	1070	727		0.679	0.285	0.016	0.032
1015		218	1033	0		0.698	0.28	0.015	0.032

P	K	Fe	Mn	F	Ca	Sr	Ba	Ti
0.477	0.038	0.17	0.356	0.377	0.183	0.074	0.086	0
0.481	0.042	0.162	0.354	0.377	0.185	0.085	0.088	0.019
0.501	0	0.156	0.362	0.385	0.195	0.093	0.092	0
0.486	0.042	0.175	0.364	0.385	0.178	0.08	0.088	0
0.498	0	0.153	0.358	0.388	0.201	0	0	0
0.481	0.042	0.168	0.356	0.381	0.185	0.084	0.087	0.019

Zn	Cl	O	Comment	Mean Z	Date
0	0.054		StevkoM14	13.031	#####
0.085	0.053		StevkoM14	13.006	#####
0	0.052		StevkoM14	12.971	#####
0.082	0.046		StevkoM14	13.083	#####
0.092	0.059		StevkoM14	12.927	#####
0.086	0		StevkoM14	13.094	#####