

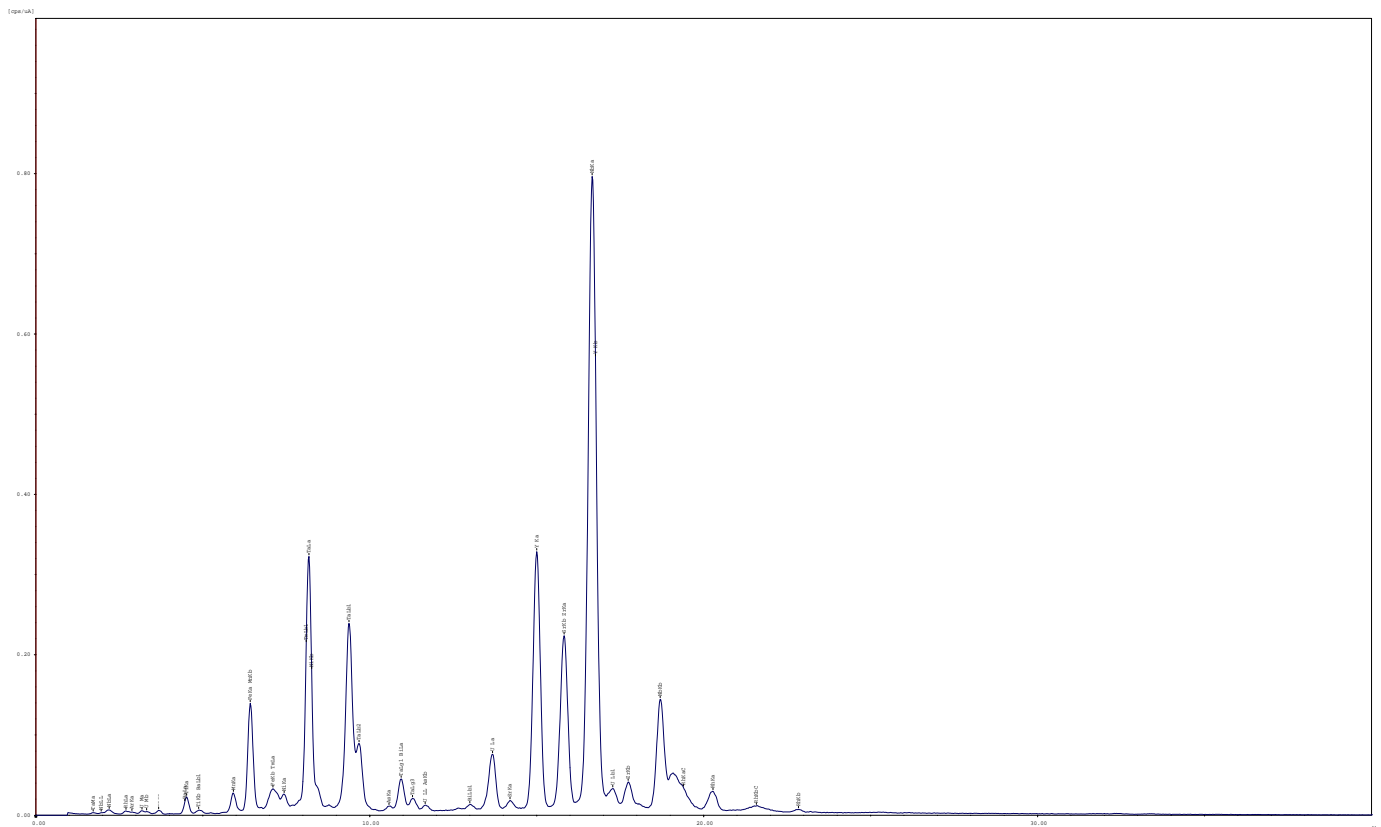
Sample : AM22
 Operator:
 Comment : Oxide, Air, 2chan, Zr preference over P
 Group : Zr-Ez-Air-Oxide
 Date : 2011-11-02 13:30:59

Measurement Condition

 Instrument: EDX-720 Atmosphere: Air Collimator: 1(mm) Spin: Off

 Analyte TG kV uA FI Acq.(keV) Anal.(keV) Time(sec) DT(%)

 Ti-U Rh 50 470-Auto ---- 0 - 40 0.00-40.00 Live- 119 40



Quantitative Result

Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Ta2O5	27.663 %	(0.074)	Quan-FP	TaLa	2.8388
NbO	26.336 %	(0.038)	Quan-FP	NbKa	9.8985
Y2O3	11.688 %	(0.025)	Quan-FP	Y Ka	4.0000
ZrO2	8.154 %	(0.022)	Quan-FP	ZrKa	2.7145
Fe2O3	7.856 %	(0.033)	Quan-FP	FeKa	1.1815
SO3	4.922 %	(0.267)	Quan-FP	S Ka	0.0081
TiO2	3.562 %	(0.048)	Quan-FP	TiKa	0.1377
U3O8	2.820 %	(0.015)	Quan-FP	U La	0.7989
BaO	1.865 %	(0.098)	Quan-FP	BaLa	0.0358
MnO	1.633 %	(0.018)	Quan-FP	MnKa	0.2014
Tm2O3	0.741 %	(0.028)	Quan-FP	TmLa	0.0766
As2O3	0.683 %	(0.039)	Quan-FP	AsKb	0.0349
NiO	0.636 %	(0.013)	Quan-FP	NiKa	0.1377
K2O	0.627 %	(0.067)	Quan-FP	K Ka	0.0032
Bi2O3	0.579 %	(0.019)	Quan-FP	BiLa	0.0948
SrO	0.234 %	(0.005)	Quan-FP	SrKa	0.0987

Memo

 Ham-Weeks samarskite

