

GEMA**Listado de elementos mayores**

Ref.	SiO2	TiO2	Al2O3	Fe2O3	FeO	MgO	MnO	CaO	Na2O	K2O	P2O5	H2O	Total
SIO-106 (JF-9259)	69.53	0.38	15.40	0.00	2.53	0.97	0.04	2.01	3.71	4.07	0.15	0.90	99.69
SIO-107 (JF-9260)	70.42	0.34	15.05	0.00	2.26	0.89	0.04	1.48	3.37	4.74	0.14	1.00	99.73
SIO-114 (JF-9267)	69.87	0.39	15.22	0.00	2.48	0.91	0.04	2.25	3.80	3.69	0.15	0.90	99.70
SIO-116 (JF-9269)	71.16	0.31	14.88	0.00	2.14	0.64	0.04	1.19	3.43	4.54	0.29	1.20	99.82
SIO-120 (JF-9273)	70.71	0.35	14.92	0.00	2.23	0.80	0.03	1.49	3.42	4.63	0.17	1.00	99.75
SIO-2036	72.20	0.31	14.80	0.00	2.50	0.34	0.40	0.71	2.46	4.93	0.12	0.67	99.44
SIO-2035 (JF-9264)	69.78	0.43	14.92	0.00	2.38	0.84	0.04	1.66	4.27	4.07	0.17	1.17	99.74

GEMA**Listado de la norma CIPW**

Ref.	Q	Cor	Ort	Ab	An	Ne	Le	Ac	Di	Hy	Ol	Il	Mag	Ap	ITT	%An
SIO-106	25.48	1.61	24.34	31.77	9.10					6.60		.73		.35	81.5	22.2
SIO-107	27.24	2.04	28.36	28.87	6.50					5.96		.65		.33	84.4	18.3
SIO-114	26.38	1.25	22.06	32.53	10.30					6.33		.74		.35	80.9	24
SIO-116	29.96	2.89	27.19	29.42	4.06					5.15		.59		.69	86.5	12.1
SIO-120	27.91	20	27.70	29.30	6.36					5.63		.67		.40	84.9	17.8
SIO-2036	35.57	4.46	29.49	21.07	2.77					5.74		.59		.28	86.1	11.6
SIO-2035	23.66	.88	24.39	36.64	7.23					5.93		.82		.40	84.7	16.4

GEMA**Listado de elementos traza**

Ref.	Li	Rb	Sr	Ba	V	Cr	Co	Ni	Cu	Zn	Zr	Nb	Sc	Y	K/Rb	Ba/Sr
SIO-106		184	221	684	13	106	5	4	2	58	190			11	183	3.09
SIO-107		217	200	497	13	106	4	4	2	58	170			10	181	2.48
SIO-114		179	203	625	16	107	4	14	4	57	184	5		11	171	3.07
SIO-116		270	129	456	12	124	3	16	4	55	140			8	139	3.53
SIO-120		223	169	501	13	110	4	5	4	50	162			10	172	2.96
SIO-2036	70	310	101	558	12	11	6	2	14	48	293	17		15	132	5.52
SIO-2035		230	179	598	24	108	6	2	4	56	176	8		9	146	3.34

GEMA**Listado de elementos mayores**

Ref.	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	FeO	MgO	MnO	CaO	Na ₂ O	K ₂ O	P ₂ O ₅	H ₂ O	Total
SIO-108 (JF-9261)	74.22	0.07	14.44	0.00	1.07	0.06	0.02	0.39	3.96	4.31	0.32	1.00	99.86
SIO-109 (JF-9262)	74.36	0.07	14.27	0.00	0.92	0.11	0.02	0.53	3.73	4.24	0.45	1.17	99.87
SIO-117 (JF-9270)	74.65	0.10	14.22	0.00	1.15	0.10	0.03	0.40	3.62	4.00	0.41	1.17	99.85
SIO-118 (JF-9271)	75.15	0.07	14.04	0.00	0.93	0.09	0.01	0.37	3.45	4.36	0.29	1.10	99.86
SIO-119 (JF-9272)	74.46	0.10	14.36	0.00	1.04	0.14	0.03	0.48	3.45	4.26	0.39	1.16	99.87
SIO-121 (JF-9274)	74.70	0.10	14.50	0.00	1.07	0.13	0.02	0.48	3.40	4.27	0.38	1.12	100.17

GEMA**Listado de la norma CIPW**

Ref.	Q	Cor	Ort	Ab	An	Ne	Le	Ac	Di	Hy	Ol	Il	Mag	Ap	ITT	%An
SIO-108	34.18	3.35	25.75	33.88	-.15					2.07		.13		.76	93.8	-.4
SIO-109	36.12	3.70	25.37	31.96	-.31					1.92		.13		1.07	93.4	-.9
SIO-117	38.01	4.24	23.94	31.03	-.70					2.28		.19		.98	92.9	-2.3
SIO-118	38.01	3.71	26.08	29.55	-.05					1.86		.13		.69	93.6	-.1
SIO-119	37.60	4.18	25.49	29.56	-.16					2.18		.19		.93	92.6	-.5
SIO-121	37.93	4.36	25.46	29.03	-.09					2.19		.19		.90	92.4	-.3

GEMA**Listado de elementos traza**

Ref.	Li	Rb	Sr	Ba	V	Cr	Co	Ni	Cu	Zn	Zr	Nb	Sc	Y	K/Rb	Ba/Sr
SIO-108		503	10	5		103	7	2	2	63	39			10	71	.5
SIO-109		530	19	11		90	1	3	5	16	28			3	66	.57
SIO-117		586	9	18	2	146	31	15	31	49	39			3	56	2
SIO-118		369	14	9	3	137	1	14	5	16	20			2	98	.64
SIO-119		593	12	24	3	134		10	11	38					59	2
SIO-121		568	17	20	1	103		6	4	26	36			3	62	1.17

GEMA**Listado de elementos mayores**

Ref.	SiO2	TiO2	Al2O3	Fe2O3	FeO	MgO	MnO	CaO	Na2O	K2O	P2O5	H2O	Total
SIO-81 (3F-9182)	71.91	0.29	14.17	0.00	2.15	0.56	0.06	0.59	2.75	5.10	0.16	2.00	99.74
SIO-110 (3F-9263)	72.53	0.26	14.09	0.00	1.83	0.54	0.04	0.63	3.13	5.15	0.26	1.34	99.80

GEMA**Listado de la norma CIPW**

Ref.	Q	Cor	Ort	Ab	An	Ne	Le	Ac	Di	Hy	Ol	Il	Mag	Ap	ITT	%An
SIO-81	33.88	3.51	30.83	23.80	1.92					5.08		.56		.38	88.5	7.4
SIO-110	32.31	2.88	30.90	26.89	1.45					4.42		.50		.62	90.1	5.1

GEMA**Listado de elementos traza**

Ref.	Li	Rb	Sr	Ba	V	Cr	Co	Ni	Cu	Zn	Zr	Nb	Sc	Y	K/Rb	Ba/Sr
SIO-81		354	80	282	8	112	4	6	3	42	159	5		15	119	3.52
SIO-110		310	72	177	5	82	2	1	6	33	126			11	137	2.45

GEMA**Listado de elementos mayores**

Ref.	SiO2	TiO2	Al2O3	Fe2O3	FeO	MgO	MnO	CaO	Na2O	K2O	P2O5	H2O	Total
SIO-82 (JF-9184)	73.88	0.08	14.19	0.00	1.32	0.27	0.04	0.33	2.76	4.66	0.15	2.15	99.83
SIO-91 (JF-9198)	75.22	0.02	14.32	0.00	0.89	0.01	0.12	0.25	4.12	4.04	0.03	0.87	99.89
SIO-2032 (JF-1155)	74.21	0.08	13.95	0.00	0.90	0.25	0.04	0.31	4.74	4.15	0.10	1.25	99.98

GEMA**Listado de la norma CIPW**

Ref.	Q	Cor	Ort	Ab	An	Ne	Le	Ac	Di	Hy	Ol	Il	Mag	Ap	ITT	%An
SIO-82	39.13	4.46	28.18	23.90	.67					3.11		.15		.36	91.2	2.7
SIO-91	34.84	2.81	24.10	35.20	1.05					1.86		.03		.07	94.1	2.9
SIO-2032	29.64	1.35	24.83	40.61	.89					2.26		.15		.23	95	2.1

GEMA**Listado de elementos traza**

Ref.	Li	Rb	Sr	Ba	V	Cr	Co	Ni	Cu	Zn	Zr	Nb	Sc	Y	K/Rb	Ba/Sr
SIO-82		532	47	81	2	100	2	4	2	21	43	5		7	72	1.72
SIO-91		771	9	11		95		4	2	46	30	18		13	43	1.22
SIO-2032		444	52	62	1	146	2	5	49	21	13	30		10	77	1.19