

**Calcium On The Tie, Found In 57,373 Different Particles In 3,522 Configurations (50 Most Common)**

Overall Rank	1st	2nd	3rd	4th	1st Avg Wt	2nd Avg Wt	3rd Avg Wt	4th Avg Wt	5th+ Avg Wt	Number
1	Si	Al	Ca	Na	53%	24%	13%	5%	5%	2,228
4	Ca	Ni	Si		94%	4%	2%	0%	0%	1,318
5	Ca	Si			98%	2%	0%	0%	0%	1,278
8	Si	Al	Na	Ca	63%	22%	8%	4%	3%	930
9	Ca	Ni	Si	Mg	93%	4%	2%	1%	0%	797
10	Ca	Ni	Si	S	92%	4%	2%	1%	1%	794
12	Ca	Al	Ni	Si	86%	8%	4%	2%	1%	750
16	Si	Al	Ca	Fe	48%	21%	14%	7%	11%	695
17	Ca	Ni	Al	Si	90%	5%	3%	1%	1%	658
18	Si	Al	Fe	Ca	51%	19%	11%	7%	12%	657
21	Ca	Si	Mg		97%	2%	1%	0%	0%	574
23	Ca	Al	Si		93%	5%	2%	0%	0%	523
25	Ca	S	Ni	Si	60%	33%	4%	2%	2%	501
27	Si	Al	K	Ca	55%	20%	10%	6%	9%	498
28	Si	Fe	Al	Ca	46%	19%	13%	8%	14%	497
30	Ca	Ni	Si	Al	90%	5%	2%	2%	1%	484
31	Si	Fe	Ca	Mg	38%	27%	19%	8%	8%	438
32	Ca	Al	Si	Mg	87%	9%	2%	1%	1%	420
33	Si	Al	Ca	K	54%	22%	10%	5%	8%	409
34	Si	Fe	Ca	Al	39%	22%	15%	10%	15%	405
35	Ca	Si	S		96%	2%	1%	0%	0%	396
37	Ca	Ni	Si	P	92%	5%	2%	1%	1%	384
38	Si	Al	Ni	Ca	59%	31%	5%	3%	2%	374
39	Ca				100%	0%	0%	0%	0%	373
40	Si	Al	Ca	Ni	48%	26%	13%	5%	8%	372
42	Si	Ca	Al	Fe	44%	20%	14%	8%	13%	369
43	Ca	Mg	Ni	Si	75%	19%	4%	2%	1%	356
45	Ca	Al	Si	S	85%	8%	3%	2%	2%	341
46	Si	K	Al	Ca	50%	24%	15%	5%	6%	340
48	Ca	Si	Al	Fe	47%	23%	14%	9%	7%	321
50	Si	Ca	Fe	Mg	38%	26%	19%	9%	7%	308
52	Ca	Al			96%	4%	0%	0%	0%	304
53	Ca	Ni			96%	4%	0%	0%	0%	301
54	Si	Ca	Fe	Al	41%	20%	14%	10%	16%	296
56	Si	Al	Ca	S	51%	22%	10%	6%	12%	259
57	Si	Mg	Al	Ca	46%	27%	12%	6%	9%	251
58	Ca	Si	Fe	Al	47%	21%	14%	10%	7%	250
60	Ca	Si	Al	S	73%	11%	6%	4%	6%	247
62	Ca	Mg			95%	5%	0%	0%	0%	246
65	Fe	Si	Ca	Al	47%	23%	13%	7%	10%	236
68	Fe	Si	Al	Ca	57%	19%	10%	5%	9%	232
69	Ca	Mg	Si		84%	15%	2%	0%	0%	231
70	Ca	Si	Al	Mg	77%	11%	5%	3%	3%	227
72	Ca	Ni	S	Si	90%	5%	2%	2%	1%	221
73	Ca	Ni	Si	Na	93%	4%	2%	1%	0%	221
74	Ca	S	Si		69%	29%	1%	0%	0%	221
76	Ca	P	Ni	Si	57%	36%	4%	2%	2%	215
77	Ca	Si	Al		92%	6%	2%	0%	0%	213
79	Ca	S			68%	32%	0%	0%	0%	211
80	Ca	Si	Ni	Al	81%	8%	4%	3%	3%	210