

### Relative Abundance of the Natural Isotopes

Isotope	%	Isotope	%	Isotope	%	Isotope	%	Isotope	%	Isotope	%	Isotope	%	Isotope	%	Isotope	%	Isotope	%
1	H	99.985	61	Isotope	%	121	Sn	4.63	Te	2.603	181	Ta	99.988	231	Pa	100			
2	H	0.015	62	Cu	69.17	122	Sn	4.63	Te	0.908	182	Ta	0.012	232	Th	100			
3	He	0.000137	63	Cu	30.83	123	Sn	5.79	Te	4.816	183	Os	0.02	233	U	0.0055			
4	He	99.999863	64	Zn	48.6	124	Sn	7.139	Te	7.139	184	Os	0.02	234	U	0.7200			
5	Li	7.5	65	Zn	27.9	125	Te	18.95	Te	18.95	185	Os	1.58	235	U				
6	Li	92.5	66	Zn	4.1	126	I	100	Te	31.69	186	Os	1.6	236	U				
7	Be	100	67	Zn	18.8	127	Te	0.106	Te	26.4	187	Os	13.3	237	U				
8	Be	19.9	68	Zn	0.6	128	Ba	0.106	Te	33.80	188	Os	16.1	238	U	99.2745			
9	Be	80.1	69	Ga	60.108	129	Ba	0.101	Xe	21.2	189	Os	26.4						
10	B	19.9	70	Ga	39.892	130	Ba	12.80	Xe	26.9	190	Os	41.0						
11	B	80.1	71	Ge	27.66	131	Ba	2.417	Xe	10.4	191	Os	62.7						
12	C	98.90	72	Ge	7.73	132	Ba	6.592	Xe	8.9	192	Os	62.7						
13	C	1.10	73	Ge	35.94	133	Ba	7.854	Xe	8.9	193	Pt	32.9						
14	N	99.643	74	Ge	0.89	134	Ba	11.23	Xe	0.0902	194	Pt	33.8						
15	N	0.366	75	Ge	7.44	135	Ba	71.70	Xe	0.25	195	Pt	25.3						
16	O	99.762	76	Se	9.36	136	Ba	0.19	Xe	0.19	196	Hg	0.15						
17	O	0.038	77	Se	7.63	137	Ba	5.76	Xe	11.3	197	Hg	9.97						
18	O	0.200	78	Se	23.78	138	Ba	5.64	Xe	13.8	198	Hg	16.87						
19	F	100	79	Se	49.61	139	Ce	5.64	La	99.9098	199	Hg	23.10						
20	Ne	90.48	80	Se	49.61	140	Ce	27.13	La	88.48	200	Hg	13.18						
21	Ne	0.27	81	Kr	11.6	141	Nd	12.18	Pr	100	201	Hg	29.86						
22	Ne	9.25	82	Kr	11.5	142	Nd	23.80	Pr	11.08	202	Hg	6.87						
23	Ne	100	83	Kr	57.0	143	Nd	8.30	Sm	3.1	203	Hg	1.4						
24	Na	100	84	Kr	17.3	144	Nd	17.19	Sm	15.0	204	Pb	24.1						
25	Mg	78.99	85	Kr	9.86	145	Nd	5.76	Sm	11.3	205	Pb	22.1						
26	Mg	10.00	86	Sr	7.00	146	Nd	13.8	Sm	7.4	206	Pb	52.4						
27	Mg	11.01	87	Sr	82.58	147	Nd	2.34	Sm	2.34	207	Pb							
28	Al	100	88	Zr	51.45	148	Nd	0.20	Sm	26.7	208	Pb							
29	Al	92.23	89	Zr	11.22	149	Nd	2.18	Sm	22.7	209	Pb							
30	Si	4.67	90	Zr	17.15	150	Nd	14.80	Sm	0.06	210	Pb							
31	Si	3.10	91	Zr	17.38	151	Gd	20.47	Sm	0.10	211	Pb							
32	S	95.02	92	Zr	2.80	152	Gd	15.65	Sm	0.10	212	Pb							
33	S	0.75	93	Zr	15.92	153	Gd	24.84	Sm	0.10	213	Pb							
34	S	4.21	94	Zr	9.25	154	Gd	2.18	Sm	2.34	214	Pb							
35	Cl	75.77	95	Zr	16.68	155	Gd	14.80	Sm	2.34	215	Pb							
36	Cl	0.02	96	Zr	15.92	156	Gd	20.47	Sm	2.34	216	Pb							
37	Cl	24.23	97	Zr	9.55	157	Gd	15.65	Sm	2.34	217	Pb							
38	Ar	0.063	98	Zr	24.13	158	Gd	2.18	Sm	2.34	218	Pb							
39	Ar	99.600	99	Zr	1.88	159	Gd	14.80	Sm	2.34	219	Pb							
40	Ar	96.941	100	Zr	12.7	160	Gd	2.18	Sm	2.34	220	Pb							
41	K	6.7302	101	Mo	9.63	161	Gd	0.14	Dy	18.9	221	Pb							
42	K	0.647	102	Mo	1.02	162	Er	0.14	Dy	25.5	222	Pb							
43	Ca	0.135	103	Rh	100	163	Er	1.61	Dy	24.9	223	Pb							
44	Ca	2.086	104	Ru	18.7	164	Er	33.6	Dy	28.2	224	Pb							
45	Ca	0.004	105	Ru	5.52	165	Er	22.95	Dy	0.13	225	Pb							
46	Ca	0.004	106	Ru	1.88	166	Er	26.8	Dy	0.13	226	Pb							
47	Ca	0.187	107	Ru	12.7	167	Er	14.9	Dy	3.05	227	Pb							
48	Ca	0.187	108	Ag	51.839	168	Er	2.59	Dy	14.3	228	Pb							
49	Ca	0.187	109	Ag	48.161	169	Er	97.41	Dy	16.12	229	Pb							
50	V	0.250	110	Ag	48.161	170	Lu	2.59	Dy	31.8	230	Pb							
51	V	99.750	111	Cd	12.49	171	Lu	97.41	Dy	12.7	231	Pb							
52	Cr	83.789	112	Cd	12.80	172	Lu	2.59	Dy	12.7	232	Pb							
53	Cr	9.501	113	Cd	24.13	173	Lu	2.59	Dy	16.12	233	Pb							
54	Cr	2.365	114	Cd	12.22	174	Lu	2.59	Dy	31.8	234	Pb							
55	Mn	100	115	Cd	28.73	175	Lu	2.59	Dy	12.7	235	Pb							
56	Fe	91.72	116	Cd	7.49	176	Lu	2.59	Dy	12.7	236	Pb							
57	Fe	2.2	117	Cd	7.49	177	Lu	2.59	Dy	12.7	237	Pb							
58	Fe	0.28	118	Cd	7.49	178	Lu	2.59	Dy	12.7	238	Pb							
59	Co	100	119	Te	0.096	179	Lu	2.59	Dy	12.7	239	Pb							
60	Ni	26.223	120	Te	0.096	180	Lu	2.59	Dy	12.7	240	Pb							