

Strontium (Cont.)

10	517.28	V
6	540.51	V
25	578.01	V
30	624.93	V
25	642.23	V
50	649.21	V
20	659.15	V
25	660.94	V
9	669.93	V
35	686.23	V
6	715.79	V
12	747.82	V
9	862.32	V

SULFUR (S)

Z = 16

S I and II

Ref. 144, 209, 210, 266—R.L.K.

Intensity Wavelength

Vacuum

40	906.9	II
40	910.5	II
40	912.7	II
40	937.4	II
40	937.7	II
20	996.0	II
20	1000.5	II
20	1014.4	II
20	1019.5	II
20	1096.6	II
40	1102.3	II
20	1131.0	II
20	1131.6	II
40	1234.1	II
40	1250.5	II
110	1253.8	II
110	1259.5	II
275	1270.782	I
250	1277.216	I
280	1295.653	I
275	1302.337	I
235	1302.863	I
235	1303.110	I
245	1303.430	I
260	1305.883	I
265	1310.194	I
355	1316.542	I
290	1316.618	I
375	1323.515	I
355	1326.643	I
775	1381.552	I
710	1385.510	I
960	1388.435	I
640	1389.154	I
775	1392.588	I
1000	1396.112	I
300	1409.337	I
510	1425.030	I
425	1433.280	I
300	1436.968	I
300	1448.229	I
425	1472.972	I
550	1473.995	I
300	1474.380	I
355	1481.665	I
485	1483.039	I
300	1483.233	I
330	1485.622	I
390	1487.150	I
680	1666.688	I
640	1687.530	I
710	1807.311	I
680	1820.343	I
640	1826.245	I
710	1900.286	I
550	1914.698	I

Air

20	2629.1	II
40	2670.0	II
40	2847.7	II
285	3867.6	I
285	3902.0	I
360	3933.3	II
450	4120.8	I
280	4142.3	II
360	4145.1	II
450	4153.1	II
450	4162.7	II
450	4694.1	I
285	4695.4	I
160	4696.2	I
280	4716.2	II
450	4815.5	II
360	4924.1	II
450	4925.3	II
285	4993.5	I

360	5428.6	II
650	5432.8	II
1000	5453.8	II
1000	5473.6	II
1000	5509.7	II
280	5564.9	II
1000	5606.1	II
450	5640.0	II
450	5640.3	II
280	5647.0	II
650	5659.9	II
450	5664.7	II
160	5706.1	I
450	5819.2	II
450	6052.7	II
280	6286.4	I
450	6287.1	II
450	6305.5	II
450	6312.7	II
280	6384.9	II
280	6397.3	II
280	6398.0	II
360	6413.7	II
160	6743.6	I
285	6748.8	I
450	6757.2	I
450	7579.0	I
450	7629.8	I
285	7686.1	I
450	7696.7	I
1000	7924.0	I
160	7928.8	I
285	7930.3	I
450	7931.7	I
450	7967.4	I
450	7967.4	II
450	8314.7	I
450	8314.7	II
450	8585.6	II
285	8680.5	I
450	8694.7	I
360	8874.5	I
110	8882.5	I
220	8884.2	I
160	9035.9	I
450	9212.9	I
450	9228.1	I
450	9237.5	I
285	9413.5	I
285	9421.9	I
285	9437.1	I
650	9649.9	I
450	9672.3	I
450	9680.8	I
450	9693.7	I
285	9697.3	I
285	9739.7	I
110	9741.9	I
285	9932.3	I
285	9949.8	I
285	9958.9	I
285	10455.5	I
70	10456.8	I
285	10459.5	I

S III

Ref. 209, 210—R.L.K.

Intensity Wavelength

Vacuum

70	729.5	III
110	732.42	III
70	735.2	III
70	738.5	III
70	789.0	III
70	796.7	III
70	824.9	III
70	836.3	III
285	1077.1	III
70	1194.0	III
70	1201.0	III

Air

110	2460.5	III
110	2489.6	III
160	2496.2	III
160	2499.1	III
220	2508.2	III
70	2636.9	III
220	2665.4	III
70	2680.5	III
110	2691.8	III
110	2702.8	III
220	2718.9	III
110	2721.4	III
220	2726.8	III
220	2731.1	III
110	2741.0	III
285	2756.9	III
110	2775.2	III

160	2785.5	III
70	2797.4	III
70	2856.0	III
110	2863.5	III
160	2904.3	III
70	2964.8	III
160	2986.0	III
70	3234.2	III
70	3324.9	III
110	3497.3	III
160	3632.0	III
70	3662.0	III
110	3709.4	III
160	3717.8	III
160	3838.3	III
160	3928.6	III
360	4253.6	III
110	4285.0	III
70	4332.7	III

S IV

Ref. 29, 202, 209—R.L.K.

Intensity Wavelength

Vacuum

20	519.3	IV
20	520.1	IV
40	520.8	IV
20	522.0	IV
20	522.5	IV
20	551.2	IV
40	652.5	IV
40	653.0	IV
70	653.6	IV
40	654.0	IV
70	655.6	IV
20	655.9	IV
110	657.3	IV
40	660.9	IV
160	661.4	IV
40	663.7	IV
40	664.8	IV
70	666.1	IV
110	744.9	IV
110	748.4	IV
110	750.2	IV
110	753.8	IV
40	798.3	IV
70	800.5	IV
70	804.0	IV
70	809.7	IV
110	816.0	IV
160	1062.7	IV
160	1073.0	IV
70	1073.5	IV
20	1108.4	IV
20	1110.9	IV
20	1624.0	IV
20	1629.2	IV

Air

20	2387.0	IV
40	2398.9	IV
110	3097.5	IV
40	3117.7	IV

S V

Ref. 29—R.L.K.

Intensity Wavelength

Vacuum

5	437.4	V
5	438.2	V
5	439.6	V
40	658.3	V
70	659.8	V
110	663.2	V
5	676.2	V
5	677.3	V
20	678.1	V
40	680.3	V
110	680.9	V
40	681.6	V
5	686.2	V
5	686.9	V
5	689.8	V
5	691.7	V
20	693.5	V
285	786.5	V
160	849.2	V
110	852.2	V
220	854.8	V
110	857.9	V
110	860.5	V
20	883.6	V
20	884.5	V
5	885.8	V

20	900.9	V
5	902.8	V
20	905.9	V

TANTALUM (Ta)

Z = 73

Ta I and II
Ref. 1—C.H.C.

Intensity Wavelength

Air

1100	2140.13	II
1500	2146.87	II
740	2150.62	II
600	2165.01	II
740	2178.03	II
1200	2182.71	II
540	2193.20	II
1100	2193.88	II
1500	2196.03	II
1500	2199.67	II
500	2207.14	II
1400	2210.03	II
	2210.19	II
420	2215.60	II
1400	2239.48	II
240	2248.48	II
480	2249.79	II
1200	2250.76	II
260	2254.86	II
440	2255.77	II
360	2256.51	II
500	2258.71	II
840	2261.42	II
260	2261.62	II
990	2262.30	II
220	2269.56	II
740	2271.85	II
990	2272.59	II
200	2279.85	I
320	2282.19	II
130	2285.02	II
790	2285.25	II
600	2286.59	II
240	2287.27	II
990	2289.16	II
180	2292.54	II
160	2295.18	II
160	2301.47	II
440	2302.24	II
440	2302.93	II
300	2303.49	II
100	2308.46	II
440	2312.60	II
420	2315.46	II
260	2319.16	II
100	2331.29	II
690	2331.98	II
550	2332.19	II
110	2334.13	II
180	2334.88	II
140	2335.75	II
300	2338.28	II
200	2340.94	II
200	2341.61	II
130	2343.64	II
100	2346.42	II
90	2351.99	II
170	2353.86	II
120	2355.22	II
170	2356.05	II
140	2356.90	II
250	2357.30	I
170	2359.16	II
260	2361.09	I
160	2362.78	II
130	2363.32	II
600	2364.24	II
50	2367.24	II
150	2369.32	II
300	2370.76	II
320	2371.58	I
100	2373.94	II
70	2375.91	I
150	2378.31	II
440	2381.13	II
240	2381.52	II
170	2383.72	II
240	2384.28	II
130	2385.73	I
1400	2387.06	II
80	2388.37	II
160	2389.11	II
70	2396.30	I
110	2399.15	I
50	2399.92	II
2400	2400.63	II
140	2402.13	II
100	2403.68	II
130	2406.55	I