

# Mercúrio (Hg)

## NIST Atomic Spectra Database Lines Data

Wavelength=6000 Å, ± 4000 Hg

(<http://physics.nist.gov/PhysRefData/contents-atomic.html>)

(For this lines search, there is no energy level information in the database.)

Spec.	Wavelength Air (Å)	Rel. Int.	Aki (10 <sup>8</sup> s <sup>-1</sup> )	gi - gk	Line Refs
Hg I	2247.55	5			45
Hg I	2302.06	20			45
Hg I	2323.20	15			45
Hg I	2340.57	5			45
Hg I	2345.43	20			45
Hg I	2352.48	20			69
Hg I	2378.32	100			45
Hg I	2380.00	20			45
Hg I	2399.38	40			45
Hg I	2399.73	20			45
Hg I	2400.49	10			45
Hg I	2441.06	5			45
Hg I	2446.90	20			45
Hg I	2464.06	15			45
Hg I	2482.00	40			45
Hg I	2482.72	30			328
Hg I	2483.82	40			45
Hg I	2534.77	90			328
Hg I	2536.52	15000	8.00e-02	1 - 3	328
Hg I	2563.86	25			45
Hg I	2576.29	25			45
Hg I	2578.91	5			45
Hg I	2625.19	15			45
Hg I	2639.78	5			45
Hg I	2652.04	250	3.88e-01	3 - 5	45
Hg I	2653.69	400			328
Hg I	2655.13	100	1.1e-01	3 - 5	328
Hg I	2674.91	5			45
Hg I	2698.83	50			45
Hg I	2699.38	50			43
Hg I	2752.78	80	6.10e-02	1 - 3	328
Hg I	2759.71	20			328
Hg I	2803.46	40			45
Hg I	2804.43	30			45
Hg I	2805.34	2			45
Hg I	2806.77	2			328
Hg I	2856.94	50	1.1e-02	3 - 1	328
Hg I	2893.60	150	1.6e-01	3 - 3	50
Hg I	2925.41	60	7.7e-02	5 - 3	328
Hg I	2967.28	1200	4.5e-01	1 - 3	328
Hg I	3021.50	300	5.09e-01	5 - 7	45
Hg I	3023.47	120	9.4e-02	5 - 5	328
Hg I	3025.61	30			45
Hg I	3027.49	50	2.0e-02	5 - 5	45
Hg I	3125.67	400	6.56e-01	3 - 5	45
Hg I	3131.55	320			45
Hg I	3131.84	320			45
Hg I	3341.48	80	1.68e-01	5 - 3	45
Hg I	3650.15	2800	1.3e+00	5 - 7	45
Hg I	3654.84	300	1.8e-01	5 - 5	45
Hg I	3662.88	80			43

Hg I	3663.28	240			45
Hg I	3701.44	30			133
Hg I	3704.17	35			45
Hg I	3801.66	30			45
Hg I	3901.87	20			45
Hg I	3906.37	60			45
Hg I	4046.56	1800	2.1e-01	1 - 3	45
Hg I	4077.83	150	4.0e-02	3 - 1	45
Hg I	4108.05	40	3.0e-02	3 - 1	45
Hg I	4339.22	250	2.88e-02	3 - 5	45
Hg I	4347.49	400	8.4e-02	3 - 5	45
Hg I	4358.33	4000	5.57e-01	3 - 3	45
Hg I	4883.00	5			90
Hg I	4889.91	5			90
Hg I	4916.07	80	5.8e-02	3 - 1	45
Hg I	4970.37	5			90
Hg I	4980.64	5			90
Hg I	5025.64		2.7e-04	3 - 3	
Hg I	5102.70	20			90
Hg I	5120.64	40			90
Hg I	5137.94	20			90
Hg I	5290.74	20			90
Hg I	5316.78	5			90
Hg I	5354.05	60			?
Hg I	5384.63	30			90
Hg I	5460.74	1100	4.87e-01	5 - 3	45
Hg I	5549.63	30			90
Hg I	5675.86	160			?
Hg I	5769.60	240	2.36e-01	3 - 5	45
Hg I	5789.66	100			45
Hg I	5790.66	280			45
Hg I	5803.78	140			90
Hg I	5859.25	60			90
Hg I	5871.98	20			90
Hg I	6072.72	20			?
Hg I	6234.40	30	5.3e-03	1 - 3	?
Hg I	6716.43	160	4.3e-03	1 - 3	?
Hg I	6907.52	250	2.8e-02	3 - 5	?
Hg I	7081.90	250			90
Hg I	7091.86	200			90
Hg I	7728.82	20	9.7e-03	1 - 3	90