	MSD (Left)	VSD(Left)	Angle (Left)	MSD (Right)	VSD (Right)	Angle (Right)	Corrected Angle
Left for centre	295.5	0	295.5	115.5	0	115.5	295.5
Right for centre	295	59	295.0295	115	58	115.029	295.02925
Mean for centre (calculated)							295.264625
Blue (absolute)	309	0	309	129	0	129	309
Red (absolute)	314.5	12	314.506	134.5	7	134.5035	314.50475
Green (absolute)	311.5	50	311.525	131.5	48	131.524	311.5245
Green II (absolute)	312	31	312.0155	131.5	48	131.524	311.76975
Blue							13.735375
Green							14.5245

297 * The readings other than blue, were taken with respect to this

Wavelength in cm	Wavelength in nm	1/lambda	(1/4 - 1/(n^2))	Expected	Expected Angle
4.02062E-05	402.06	2487181	0.22222222	410	14.01205171
4.24678E-05	424.68	2354726			
4.3169E-05	431.69	2316475	0.21	434	14.85058324
5.09329E-05	509.33	1963367	0.1875	486	16.67890632

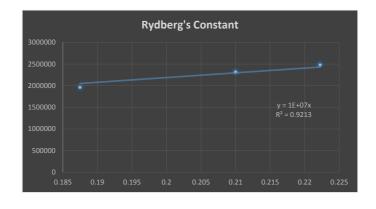
Lines per inch	15000	
Separation between lines	6.66667E-05	inches
d	0.000169333	cm

Green II

Red

Rydberg's Constant 1.00E+07 ± 7.87E+05 1/m

R^2= 0.9213



14.76975

17.50475