

Data Tables for Exercise 1

Emission Lines and Central Star Temperature in Planetary Nebulae

Table 1

NEBULA NAME: M1-57

Wavelength (Angstroms)	Ion	Ionization Potential of next lowest ionization state	Present (Y) Absent (N)
6087	[Ca V]	67.1 eV	
7005	[Ar V]	59.8 eV	
6434	[Ar V]	59.8 eV	
6101	[K IV]	45.7 eV	
8046	[Cl IV]	39.6 eV	
7531	[Cl IV]	39.6 eV	

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Table 2

NEBULA NAME: IC 3568

Wavelength (Angstroms)	Ion	Ionization Potential of next lowest ionization state	Present (Y) Absent (N)
6087	[Ca V]	67.1 eV	
7005	[Ar V]	59.8 eV	
6434	[Ar V]	59.8 eV	
6101	[K IV]	45.7 eV	
8046	[Cl IV]	39.6 eV	
7531	[Cl IV]	39.6 eV	

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Table 3