

Fe II

Line	λ	m
H I	3835	
Mg I	3835	(3)
Mg II	3849	(5)
Si II	3858	(1)
H I	3889	
Al II	3901	(1)
Ca II	3934	
Ca II	3968	
H I	3970	
H I	4102	
Fe II	4179	(28)
Fe II	4233	(27)
Fe II	4297	(28)
Fe II	4303	(27)
H I	4340	
Fe II	4352	(27)
Fe II	4385	(27)
Fe II	4417	(27)
Mg II	4481	(4)
Fe II	4491	(37)
Fe II	4508	(38)
Fe II	4515	(37)
Fe II	4523	(38)
Fe II	4549	(38)
Fe II	4556	(37)
Mg I]	4571	
Fe II	4584	(38)
Fe II	4629	(37)
Al II	4663	(2)
H I	4861	
Fe II	4924	(42)
Fe II	5018	(42)
Fe II	5169	(42)
Mg I	5178	(2)
Fe II	5198	(49)
Fe II	5235	(49)
Fe II	5265	(48)
Fe II	5276	(49)
Fe II	5284	(41)
Fe II	5317	
Fe II	5363	(48)

He/N

Line	λ	m
H I	3798	
H I	3835	
H I	3889	
He I	3889	
He II	3923	
H I	3970	
He I	4026	
H I	4102	
He I	4144	
C III	4187	
He II	4200	
C II	4267	
H I	4340	
He I	4388	
He I	4438	
He I	4471	
N III	4517	(3)
He II	4542	
N V	4609	(1)
N III	4638	
He II	4686	
He I	4713	
H I	4861	
He I	4922	
N V	4945	
N II	5001	(24)
He I	5016	
He I	5048	
O VI	5292	
He II	5412	
N II	5479	(29)
N II	5679	(3)
He I	5876	
N II	5938	(28)
He II	6311	
N II	6482	(8)
H I	6563	
He II	6560	
He I	6678	
He II	6683	
He II	6891	

Raies nébulaires

Line	λ	m
O VI	3811	
[Fe VI]	3814	
O VI	3834	
H I	3835	
He II	3858	
[Ne III]	3869	
H I	3889	
He I	3889	
[Ne III]	3968	
H I	3970	
[Fe XI]	3987	
He I	4026	
[Fe V]	4026	
[S II]	4069	
[Fe V]	4071	
[S II]	4076	
H I	4102	
He I	4144	
[Fe V]	4181	
He II	4200	
[Fe V]	4229	
[Fe II]	4244	
[Fe II]	4287	
H I	4340	
[Fe II]	4359	
[O III]	4363	
He I	4388	
[Fe II]	4416	
He I	4438	
[Fe II]	4458	
He I	4471	
N III	4517	(3)
He II	4542	
N V	4609	(1)
N III	4638	
C IV	4658	
[Fe III]	4658	
He II	4686	
[Fe III]	4702	
He I	4713	
[Ne IV]	4721	

Fe II

Line	λ	m
Fe II	5425	
Mg I	5528	(9)
Fe II	5535	(55)
Na I	5686	(6)
Al III	5706	(2)
Na I	5892	
Si II	5958	(4)
Si II	5979	(4)
Fe II	5991	(46)
Fe II	6084	(46)
Fe II	6148	(74)
Na I	6159	(5)
Al II	6237	(10)
Fe II	6248	(74)
N II	6346	(46)
Si II	6347	(2)
Si II	6371	(2)
Fe II	6417	(74)
Fe II	6456	(74)
N I	6486	(21)
H I	6563	
Al II	6830	(9)
O I	7002	(21)
Al II	7049	(3)
C II	7235	(3)
Fe II	7308	(73)
Fe II	7462	(73)
Al II	7471	(21)
O I	7477	(55)
Fe II	7712	(73)
O I	7773	(1)
Mg II	7896	(8)
N I	7904	
N I	8166	
Na I	8191	(4)
N I	8212	(2)
O I	8227	(34)
Mg II	8232	(7)
Ca II	8251	(13)
C I	8335	(10)
O I	8446	(4)
Ca II	8498	(2)
Ca II	8542	(2)

He/N

Line	λ	m
He I	7065	
He II	7178	
C II	7235	(3)
He I	7281	
N I	7452	(3)
He II	7593	
N IV	7703	
He II	8237	
O I	8446	(4)
H I	8502	
H I	8545	
H I	8598	
N I	8617	(8)
H I	8665	
N I	8692	(1)
H I	8750	
H I	8863	
H I	9015	
N I	9029	(15)
N I	9060	
N I	9208	
N I	9188	
H I	9229	
He II	9345	
N I	9395	(7)
He II	9542	
H I	9546	
He II	9762	

Raies nébulaires

Line	λ	m
[Ar IV]	4740	
[Fe III]	4755	
[Fe II]	4815	
H I	4861	
[Fe III]	4881	
[Fe VII]	4893	
He I	4922	
[Ca VII]	4939	
[Fe VII]	4942	
N V	4945	
[O III]	4959	
[Fe VI]	4967	
[Fe VI]	4972	
[Fe VII]	4989	
[O III]	5007	
He I	5016	
He I	5048	
[Fe VI]	5146	
[Fe VII]	5158	
[Fe II]	5159	
[Fe VI]	5176	
[N I]	5199	
[Fe II]	5262	
[Fe III]	5270	
[Fe VII]	5276	
O VI	5292	
[Fe XIV]	5303	
[Ca V]	5309	
He II	5412	
[Fe VI]	5424	
[Ar X]	5533	
[O I]	5577	
[Ca VII]	5619	
[Fe VI]	5631	
[Fe VI]	5677	
[Fe VII]	5721	
[N II]	5755	
C IV	5805	(1)
He I	5876	
[Fe VII]	6086	
[Ca V]	6087	
O VI	6200	
[O I]	6300	

Fe II

Line	λ	m
H I	8545	
H I	8598	
N I	8617	(8)
Al II	8641	(4)
Ca II	8662	(2)
H I	8665	
N I	8692	(1)
H I	8750	
Mg I	8807	(7)
H I	8863	
H I	9015	
N I	9029	(15)
N I	9060	
C I	9087	(3)
N I	9208	
N I	9188	
H I	9229	
Mg II	9218	(1)
Mg II	9244	
O I	9264	(8)
He II	9345	
N I	9395	(7)
C I	9406	(9)
H I	9546	
C I	9658	(2)
N I	9831	(19)

He/N

Line	λ	m
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Raies nébulaires

Line	λ	m
He II	6311	
[S III]	6312	
[O I]	6364	
[Fe X]	6375	
[Ar V]	6435	
[N II]	6548	
H I	6563	
[N II]	6584	
He I	6678	
[S II]	6716	
[S II]	6731	
[Ar V]	7006	
He I	7065	
[Ar III]	7136	
[Fe II]	7155	
[Ar IV]	7171	
He II	7178	
[Ar IV]	7237	
[Ar IV]	7263	
He I	7281	
[O II]	7320	
[O II]	7330	
He II	7593	
N IV	7703	
O IV	7713	
[S I]	7725	
C IV	7726	
[Ar III]	7751	
[P II]	7876	
[Fe XI]	7892	
[Mn IX]	7968	
He II	8237	
O I	8446	(4)
H I	8502	
H I	8545	
H I	8598	
H I	8665	
[C I]	8727	
H I	8750	
H I	8863	
H I	9015	
[S III]	9069	
H I	9229	
[S III]	9531	

He II	9542	
H I	9546	
He II	9762	
[S VIII]	9911	