



# Spectroscopic Record Sheet



## Details on acquisitions

Object	DeGaPe 70
Coordinates (J2000)	19:44:28.20 -14:40:05.40
Type	New candidate

Observation date	14.353/07/2021
Weather conditions	12°C / 28% hum
Observer	2SPOT
Location	Deep Sky Chile (CL)

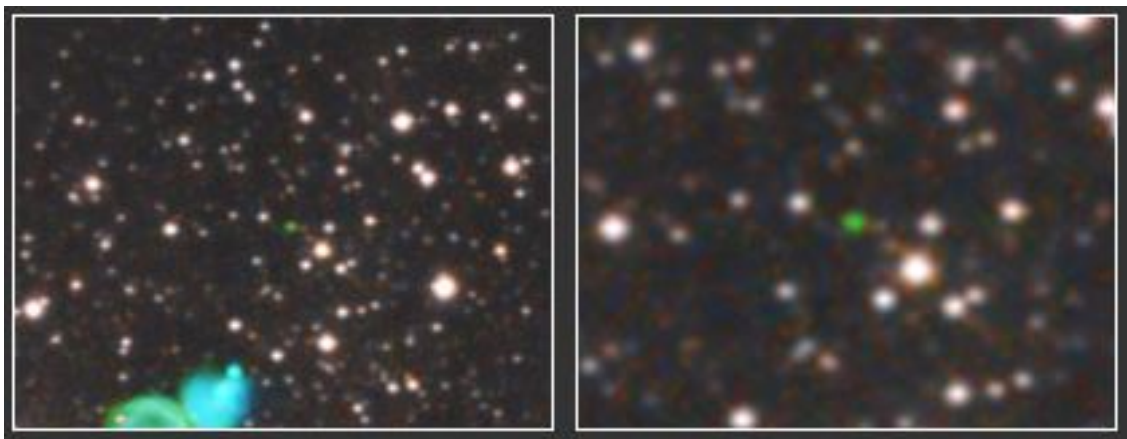
Mount	10 Micron GM3000 HPS
Telescope	Ritchey-Chrétien RC12
Spectroscope	Alpy 600 (23um slit)
Resolution (bin 1x1)	~1 Å at I656 nm
Principal camera	Atik 414 EX
Dispersion (bin 1x1)	~0,3 nm/pixel at I656 nm
Cam temperature	-10°C
Binning	2x2
Guiding camera	Atik 314L+
Data acquisition Soft	Prism v10.4.12.911
Data processing soft	ISIS V6.1.1

Exposure on object	7 x 1200 s
Master Dark	Corrected
Master Flat	Corrected
Master Offset	Corrected
Neon-Argon calibration	Corrected
Reference star calib.	HD188899_A2V
Exposure on ref star	24 x 5 s
Ref star Sp. date	14.414/07/2021

Slit position



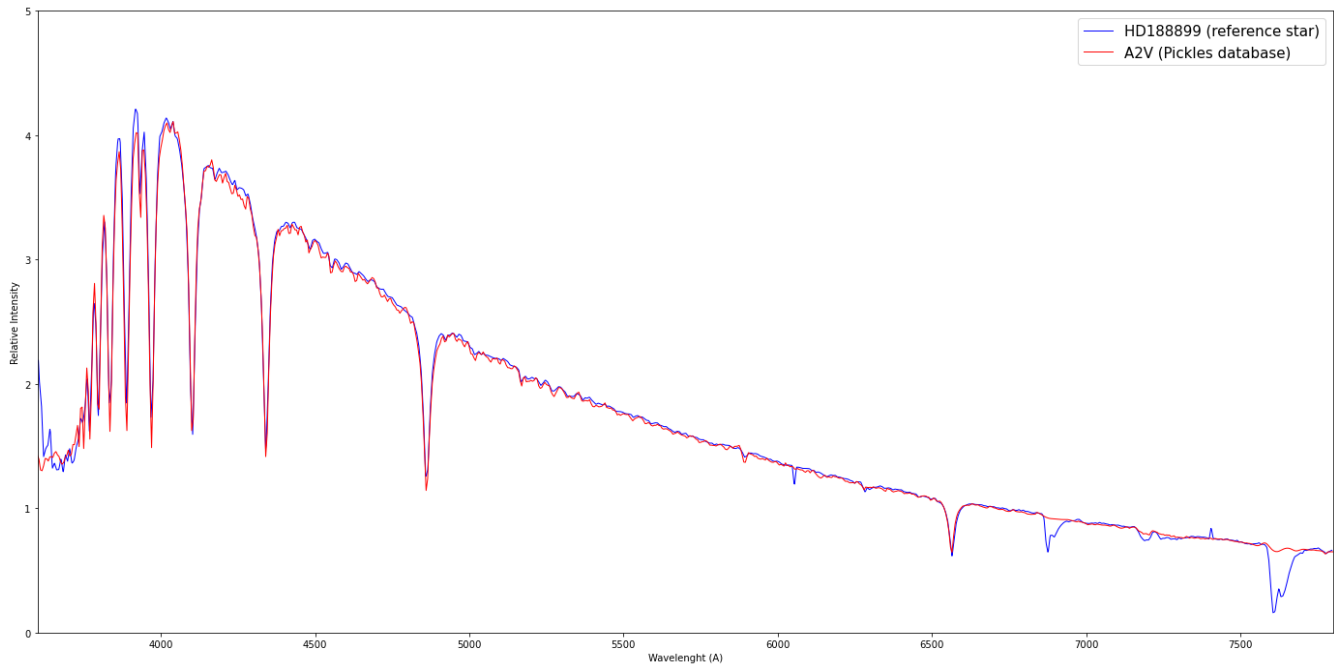
Object picture(s)



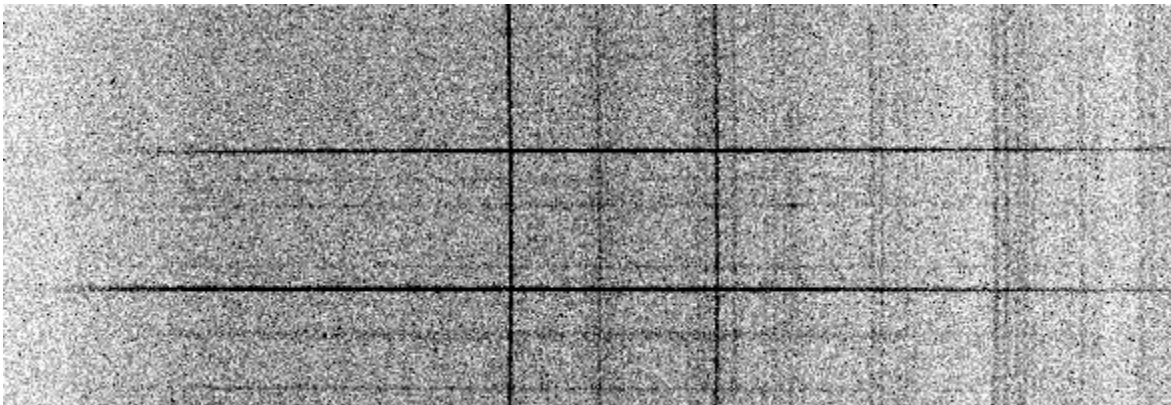


# Instrumental Response and 2D Spectrum

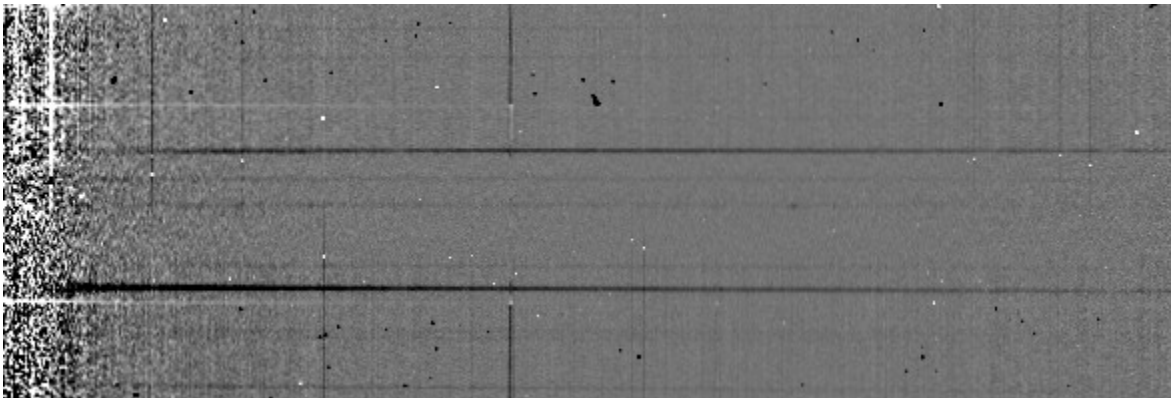
Instrumental response (red = theoretical ref star spectrum ; blue = acquired ref star spectrum with instrumental response correction applied)

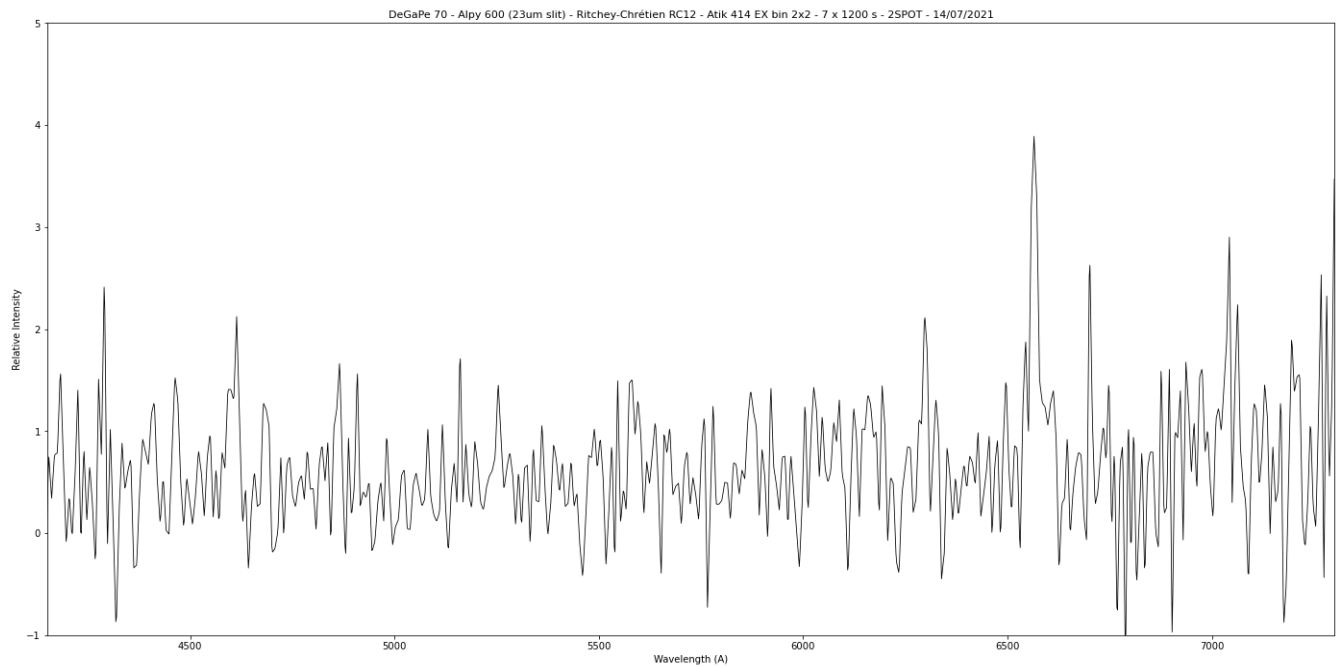


## 2D Raw spectrum



## 2D Processed spectrum





## Comments

Ha line visible.

No [OIII].

Hbeta visible but melted into noise (?)

Maybe H $\delta$  (4685) but melted into noise (?)

Maybe [SII] (6312) (?)