Warning: Room lighting and daylight can influence the reading. To avoid this interference, remount the front panel before carrying out any check procedures.

10. Click on "Start Sample Channel Conversion" key and make sure that the adjacent window shows a count value of 100 ± 50. If not, adjust the Preamp/ADC (Read Channel) Board "Offset" trimmer in order to set the desired value (Fig. 49).

11. After regulating of the main channel offset, it is necessary to click on " Stop Sample Channel Conversion" key.

12. Click on "Start Reference Channel Conversion" and make sure that the adjacent window shows a count value of 100 ± 50. If not, adjust the Preamp/ADC (Ref. Channel) Board "Offset" trimmer in order to set the desired value (Fig. 49).

13. After regulating of the reference channel offset, it is necessary to click on " Stop Reference Channel Conversion" key.

14. Select the filter positions from 1 to 8 (from 340 nm to 620 nm) and click on" Start/Stop Sample Channel Conversion" key and determine **which filter transmit the highest signal.**

15. Verify in the adjacent window a count value between 55.000 and 60.000. If not, adjust the Preamp/ADC board "Gain" trimmer in order to set the desired value (Fig. 49).

16. After regulating the Gain, select all the other filters and clicking on "Start/Stop Sample Channel Conversion" verify count values between 29.000 and 60.000

Warning: Room lighting and daylight can influence the reading. To avoid this interference, remount the front panel before carrying out any check procedures.

17. Select the highest signal filter, clicking on "Start Reference Channel Conversion" and make sure that the adjacent window shows a count value between 38.000 and 42.000. If not, adjust the Preamp/ADC board "Gain" trimmer in order to set the desired value (Fig. 49).

18. After regulating the Gain, select all the other filters and clicking on "Start/Stop Reference Channel Conversion" verify count values between 19000 and 42000.

19. After concluding these operations, empty cuvette # 1, remount the front panel and exit the diagnostic program by clicking on the "Diagnostic" key.

20. Exit the analyzer program press "shutdown" key.