



## Appendix

Six steps to execute the WinCrtclas program on a personal computer (PC) with the 64-bit Windows operating system (OS).

- 1 – Click the **Start** button and type **cmd** in the *Type here to search* box. Select the **Run as administrator** option. A window appears on the screen showing “Do you want to allow this app to make changes to your device?”. In this window, click the **Yes** button to continue.
- 2 – A Black Screen appears on the screen starting with the **C:\Windows\system32>** command. In here, type **regsvr32 /u “C:\Program Files (x86)\WinCrtclas\MSFLXGRD.OCX** and then press the **Enter** key. You will see a windows on the screen showing “DllUnregisterServer in C:\Program Files (x86)\WinCrtclas\MSFLXGRD.OCX succeeded”. Press the **OK** button to continue.  
 [Notice a blank between **regsvr32** and **/u**, as well as between **/u** and “C:\Program Files (x86) ...]
- 3 – Type **regsvr32 “C:\Program Files (x86)\WinCrtclas\MSFLXGRD.OCX** and press the **Enter** key. You will see a windows on the screen showing “DllUnregisterServer in C:\Program Files (x86)\WinCrtclas\MSFLXGRD.OCX succeeded”. Press the **OK** button to continue.  
 [Notice a blank space between **regsvr32** and “C:\Program Files (x86) ...]
- 4 – Close the black screen by clicking the **X** sign in the top corner of window.
- 5 – When the mouse pointer is on the **WinCrtclas** icon on the desktop, right-click and select the **Run as administrator** option.
- 6 – Finally, the program that you installed on a PC with the 64-bit OS is ready to calculate the cerite-supergroup mineral analyses.  
  
 For example, you can execute the program with the “**Species.crt**” file from the pull-down menu of the **File** → **Open File** option.