**2. Material and methods**

2.1. Obtaining plant material

2.2. Sample preparation and FTIR measurements

2.3. Data analysis

**3. Results and discussion**

3.1. Spectroscopic analysis

The different infrared spectra are presented in Fig. 1, where the absorption peaks of the different functional groups are observed for the species analyzed.

Gráfico, Histograma

Descripción generada automáticamenteGráfico, Histograma

Descripción generada automáticamente

Figure 1: Mean infrared spectra of wheat samples (a) full mid infrared range (4000 – 400 cm-1), (b) region of interest used for calibration.

Figure 2: Mean infrared spectra of wheat leaves samples (a) after baseline correction, (b) before baseline correction.

