**System setting-up for one type of product**

Please note that the following three steps (A, B and C) only need to be done once for each type of product and typically each step costs less than 1 minute.

**A. Create the first reference image**

1. Put a food pack without the label on the conveyor belt to take an image

1. Build up a folder for this type of product. For example, name it as ‘Cod and crab bake’ and save the output image as ‘ref1.jpg’ into the folder.

**B. Create the second reference image**

1. Put a food pack with the label at the correct position on the conveyor belt to take an image
2. Save the output image as ‘ref2.jpg’ into the same folder

**C. Save the reference OCR image**

The image shown as below is an example of a reference OCR image. It is an image of the label without the line of targeted information (e.g., date, price, time, etc.). In practice, it can be an unprinted label. It can also be manually created by using a method similar to the one designed to create a mask image (please refer to System settingup for robust label tadd.docx). Save the reference OCR image into the same folder.

