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Blister samples

This note presents selected X-ray images of blister packages acquired using the InnospeXion low energy X-ray technology. The samples considered are taken off a production, in some cases due to non-conformity of the blister packaging.



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Blister 1) The image shows the blister with bad sealing to the left and the empty blister to the right. It is possible to see differences in the blister "cup", because the small circles forming the cups are irregular and of lower attenuatuion in some of the blister cups to the left cp. To the same cups at the empty blister to the right.

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Blister 3) The blister has a bubble by the tablet (shown with the arrow). The X-ray image also shows that the tablet to the left has some kind of bend – whether it is a defect made in the factory, or the foliage has simply been bent later on is unknown. Note that the blister to the left of the obviously damaged one also has a damage around 5 o'clock.



Blister 5) The blister was badly sealed and the right corner foliage was bent, which is very clear on the X-ray. Furthermore, the sealing has creases/folds in the foliage, which are visible in the dark part of the X-ray image dynamic range (dark lines at arrows).



The X-rays can also detect the batch numbers and date. The images below show that part of the text is legible, although not all of the batch number is clear.



The dimensions from the tablet bubble edge to the edge and perforation has to be at least 2-3 mm. The X-ray image below shows one of the samples which were closest to the perforation with approximately 4 mm.

