



### Acuros<sup>®</sup> CQD<sup>®</sup> SWIR Camera Applications Note

SWIR Application Note - 006

#### Inspection of fill level through plastic labeling of pharmaceutical vials



a. Visible Image



b. SWIR Image

**The Acuros<sup>®</sup> CQD<sup>®</sup> 1280 SWIR Camera** (at right) includes: 1280 x 1024, 1.3Mp resolution, 90 fps frame rate, 70 dB dynamic range, 15micron pixel pitch, 400-1700 nm spectral range, GigE Vision or USB3 Vision interface. Acuros CQD quantum dot sensor comes equipped with single stage thermo-electric cooler.



#### Application Details:

Images of (a.) visible image and (b.) SWIR image of fill level through plastic labeling of pharmaceutical vials.

Images captured via SWIR Vision Systems Acuros<sup>®</sup> CQD<sup>®</sup> 1280 SWIR Camera.  
Light sources used: 1450nm backlight with Fluorescent ambient light, no filter.