



PASS FAIL

The Shell Water Detector capsule is the standard industry test for monitoring the level of free or dispersed water in Jet Fuel. It is used in conjunction with a syringe, which draws 5ml of the fuel through the capsule. If the paper inside the capsule does not change colour from yellow to green it means that the fuel contains less than the IATA recommended limit of 30ppm water content, and the test is classified a Pass. A strong green colour means that the fuel contains more than 30ppm of water and the test is classified Fail.

This is a Go/No Go test, the result should be either Pass or Fail as shown above. It should not be used in an attempt to quantify water levels but a slight intermediate colour change can indicate a trace of water in the product somewhere between 0 and 30ppm, and this is shown in the records as Trace if required by local regulations.

Please note, it is essential that the screw cap is tightened fully after a capsule has been removed from the tube, and that capsules are only used up to the expiry date printed on the box and the base of the tubes (normally at least 6 months from the date of sale).

The test can be used to check fuel samples from bulk fuel delivery vehicles, pipeline receipt points, storage tank low points, fueller/trailer tank low points, hydrant dispenser low points, and any filter sumps or sample points.

