



# ***Bellingham + Stanley***

## ***Frequently Asked Questions***

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**FAQ No:**           **FAQ-GRP-051**

**Title:**               **Calibration Fluids – Use in glass free environments**

**Background:**

Previously, Calibration Oils (codes 18-61 & 18-63) have been supplied in plastic dropper bottles with a shelf life of 3-months.

Since being awarded with UKAS accreditation, calibration oils are now supplied in glass bottles only.

**Justification:**

The reason for using glass is primarily due to the nature of the sample. As the calibration is an organic fluid, reaction between the plastic bottle and the calibration oil has been observed and as a result, the refractive index value may be affected after a period of time (> 3-months). In order to achieve UKAS accreditation, guarantees have had to be put in place in relation to the shelf life of the sample and storage media. It was decided that this could not be achieved within the scope of UKAS and as such, B+S Ltd. no longer supply calibration oils in plastic bottles.

**Use in glass free environments:**

Some factory environments are 'glass free' and this prevents calibration oils being carried into the factory in their original container.

B+S suggests that enough sample is decanted from the glass bottle to a disposable pipette for transfer to instruments in glass free factory environments. Care should be taken to avoid contamination when transferring the sample and after use, the pipette should be disposed of to prevent cross contamination.

Bellingham + Stanley offer packs of disposable pipettes, suitable for use as described above.