

**Lumiso NDF
Check Standards
Traceability**
Photometric Testing

PRODUCT SUPPORT
INFORMATION

NDF (neutral density filter) check standards have known and certified transmittance or absorbance values, so they should return these known values when read in a photometer.

Check standards are used to determine if an instrument is still within calibration. If the instrument is passing check standards, then this confirms it is performing within specification and therefore does not require recalibration. This is true as long as the check standards are within their expiry date, are the correct check standards for the instrument being tested and are in good condition.

Check standards do not recalibrate the instrument, this is a highly technical process which is carefully controlled. To recalibrate your instrument, it must be returned to Palintest.

Palintest neutral density filters are measured in spectrophotometers in our production facilities. The results obtained are printed in the certificate supplied with them.

The accuracy of our spectrophotometers is verified with holmium oxide and neutral density filters that are certified externally to national standards. The results in %T are therefore traceable and can be used to certify that the Lumiso photometer is working correctly.