

Inspector Instructions:

 READ	<ul style="list-style-type: none"> • Spectrophotometer policy or procedure • Sampling of manufacturer required system checks
 OBSERVE	<ul style="list-style-type: none"> • Filters (clean, not scratched or deteriorated)

HSC.23137 Absorbance/Linearity

Phase II

Absorbance and/or linearity fluorescence is checked and recorded at least annually or as often as specified by the manufacturer, with filters or standard solutions.

Evidence of Compliance:

- ✓ Records of absorbance and linearity checks at required frequency

HSC.23324 Filter Photometers

Phase II

Filters (filter photometers) are checked at least annually to ensure they are in good condition (eg, clean, free of scratches).

Evidence of Compliance:

- ✓ Records of filter checks at defined frequency

HSC.23511 Spectrophotometer Checks

Phase II

Spectrophotometer (including ELISA plate readers) wavelength calibration, absorbance and linearity are checked at least annually (or as often as specified by the manufacturer), with appropriate solutions, filters or emission line source lamps, and the results recorded.

NOTE: Some spectrophotometer designs, eg, diode array, have no moving parts that can alter wavelength accuracy and do not require routine verification. The manufacturer's instructions must be followed.

Evidence of Compliance:

- ✓ Records of spectrophotometer checks at required frequency

HSC.23698 Stray Light

Phase II

Stray light is checked at least annually with extinction filters or appropriate solutions, if required by the instrument manufacturer.

Evidence of Compliance:

- ✓ Records of stray light checks at required frequency