

**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

**CBG.17900 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, as applicable

**CBG.18000 Calibration Curves** Phase II



**For procedures using calibration curves, all the curves are rerun at defined intervals and/or verified after servicing or recalibration of instruments.**

*NOTE: Calibration curves must be run following manufacturer's instructions, at minimum, and as defined in laboratory procedure.*

**Evidence of Compliance:**

- ✓ Records of calibration curve rerun and/or verification at defined frequency

**REFERENCES**

- 1) Department of Health and Human Services, Centers for Medicare and Medicaid Services. Clinical laboratory improvement amendments of 1988; final rule. *Fed Register*. 2003(Jan 24): [42CFR493.1255]

## ELECTROPHORESIS

**Inspector Instructions:**

 <p><b>READ</b></p>	<ul style="list-style-type: none"> <li>• Sampling of electrophoresis policies and procedures</li> <li>• Sampling of electrophoresis QC logs</li> </ul>
 <p><b>OBSERVE</b></p>	<ul style="list-style-type: none"> <li>• Electrophoretic patterns (appropriate separations)</li> </ul>

**CBG.18025 Daily QC - Electrophoresis** Phase II

**Suitable control samples are run and reviewed with each batch of patient samples for all electrophoresis procedures for which controls are available.**

**Evidence of Compliance:**

- ✓ Records of electrophoresis QC