

**BAP.06500 LCM Equipment****Phase II**

**The laser capture microdissection (LCM) laser focus and alignment is maintained and recorded to ensure optimal performance.**

*NOTE: Maintenance records related to the critical components of the LCM as noted by the manufacturer are required.*

## MOLECULAR METHODS

### ELECTROPHORESIS

**Inspector Instructions:**

 <b>READ</b>	<ul style="list-style-type: none"> <li>Sampling of electrophoresis policies and procedures</li> </ul>
 <b>OBSERVE</b>	<ul style="list-style-type: none"> <li>Autoradiographs/gel photographs (sufficient resolution/quality)</li> </ul>
 <b>ASK</b>	<ul style="list-style-type: none"> <li>How does your laboratory prevent degradation of the nucleic acid sample used for electrophoresis?</li> </ul>

**BAP.06510 Loading Analytical Gels****Phase I**

**Standard amounts of nucleic acid are loaded on analytical gels, when possible.**

**BAP.06520 Molecular Weight Markers****Phase II**

**Known molecular weight markers that span the range of expected bands are used for each electrophoretic run.**

**Evidence of Compliance:**

- ✓ Records of appropriate markers with each run

**BAP.06530 Visual/Fluorescent Markers****Phase II**

**Visual or fluorescent markers are used to determine the endpoint of gel electrophoresis.**