

JML 31908708 (MOR 9330)

Salient characteristics for iS50 MCT-B Detector

- Must be MCT detector for Thermo iS50 FT-IR Spectrometer
- Must have spectral range of at 11,700-400cm<sup>-1</sup> or wider
- Must be liquid N<sub>2</sub> cooled
- Must be 100% compatible with existing Navy-owned Thermo iS50 FT-IR Spectrometer (AID#: N4523A16373).

JML 31908709 (MOR 9331)

Salient characteristics for Raman Library

- Must contain digital raman spectra for at least 14,000 compounds
- Must be in High Resolution file format
- Must be compatible with existing (already DADMS approved, an in use on government owned Asset ID: 4523A16373) Thermo Omnic software.