

Boiling Point and FTIR Unknown

	Beginning (0)	Developing (2.6)	Adequate (3)	Accomplished (3.4)	Exemplary (4)
Boiling Pt. Determin.	Boiling point not determined or greater than ± 15 °C	Boiling point determined within ± 15 °C	Boiling point determined within ± 7 °C	Boiling point determined within ± 5 °C	Boiling point determined within ± 3 °C
FTIR Interp	FTIR not considered in evaluation of unknown	Functional groups incorrectly assigned	Functional groups correctly identified, but large differences overlooked	Functional groups correctly identified, but small differences overlooked	FTIR interpreted correctly
Unknown ID	Compound not identified	Proposed identification is of a different class of compounds than the actual unknown	Proposed identification is of the same class of compounds as actual unknown	Proposed identification is of a closely related isomer of actual unknown	Compound identified correctly