

<b>Criteria</b>	<b>Excellent</b>	<b>Good</b>	<b>Fair</b>	<b>Unacceptable</b>
Overall appearance	[2 pt] Title page is properly formatted, and includes: lab title, author's name, partner's name, campus mailbox, date, day of the week for lab, and instructors name	[1 pt] Title page not properly formatted, or one or two required elements missing.	[0.5 pt] Title page is not properly formatted; more than two required elements missing	[0 pt] No title page.
COMPOUND #1	[8 pts] Report is complete, and unknown is correctly identified	[6 pts] Unknown identity is incorrect be is consistent with data, and report is otherwise complete	[3 pt] Report is incomplete, and unknown identity is incorrect	[0 pt] No answer
COMPOUND #2	[8 pts] Report is complete, and unknown is correctly identified	[6 pts] Unknown identity is incorrect be is consistent with data, and report is otherwise complete	[3 pt] Report is incomplete, and unknown identity is incorrect	[0 pt] No answer
Notebook entry formatting	[2 pts] Notebook entry has title, date, page numbers, and is signed by the student and initialed or signed by instructor	[1 pt] Notebook entry is missing one or two of: the title, date, page numbers, or signatures.	[0.5 pt] Notebook entry is missing three or more of: the title, date, page numbers, or signatures.	[0 pt] The notebook entry was not included.
Notebook entry	[2 pts] The notebook has a description of the procedure that was actually performed.	[1 pt] The notebook has a partial description of what was done, but has gaps.	[0.5 pt] The notebook entry does not include information as to how the unknowns were identified.	[0 pt] The notebook entry was not included.
Question 1	[2 pts] NMR spin-spin splitting is correctly described	[1 pt] The description of splitting indicates minor misconceptions.	[0.5 pt] The description of splitting has major misconceptions.	[0 pt] No answer
Question 2	[2 pts] IR spectroscopy theory is correctly described	[1 pt] The description of IR indicates minor misconceptions.	[0.5 pt] The description of IR has major misconceptions.	[0 pt] No answer
Question 3	[2 pts] IR procedure is correctly described	[1 pt] The description of IR procedure indicates minor misconceptions.	[0.5 pt] The description of IR procedure has major misconceptions.	[0 pt] No answer
Question 4	[2 pts] The reason for and solution for problems with intense spectra are reasonable.	[1 pt] The reason for and solution for problems with intense spectra are slightly flawed.	[0.5 pt] The reason for and solution for problems with intense spectra exhibit major problems.	[0 pt] No answer