

Peer Review of Assignment A04 by _____ (authors' names)

	Beginning, 1	Developing, 2	Accomplished, 3	Exemplary, 4	Score
Catechin Chemistry & Scheme 1	Structures are shown but there are <u>at least three errors</u> .	All structures are shown but <u>at least two errors</u> . Flow, alignment, or coloring lacking. Legend in Word file.	All structures shown but <u>one error</u> . Color use appropriate. Logic & alignm. OK. Legend in Word file placed correctly.	Perfect reaction diagram, color enhances message. Caption in Word file at correct location with correct format.	/4
Simulated Spectra & Fig. 1	Attempts to compute spectra (i.e., λ , $f_i(\lambda)$, $f(\lambda)$ values) made. Problems with the concept of Gaussians, and the concept of superposition.	Fig. 1 shows all spectra. Shapes are recognizable. Colors and line styles mostly correct. X- and Y-ranges and graph format close to original. Legend present.	Fig. 1 shows all spectra with <u>similar</u> shapes and correct colors and line styles. Requested X- and Y-ranges, graph format <u>close</u> to original. Legend contains functions.	Fig. 1 shows all spectra with <u>perfect</u> shape, color and line style. Requested X- and Y-ranges; graph format <u>perfect</u> . Legend contains functions for pH = 12 curve.	/4
Simulated Thermograms & Fig. 2 Counts x0.5	Attempts to compute thermograms made, but graph does not simulate the original sufficiently well.	Fig. 2 shows both thermograms with <u>recognizable</u> shapes. Graph format close to original. Legend present.	Fig. 2 shows both thermograms with <u>similar</u> shapes. Graph formatting <u>close</u> to original. Legend contains both complete functions.	Thermograms with <u>perfect</u> shape, style, & graph formatting. Baselines shown dotted. Legend contains both complete functions.	/2
Organization of XL File	Poorly organized XL file. Peer review would be premature.	Not really sure about the organization and/or the correctness of the data.	Comps. probably correct. Data are organized, but organization is not intuitive.	Comps. are correct. Well organized & easily accessible data on labeled sheets.	/4
Content of Text & Footnotes	Major problems with the logic and with nomenclature. Fails to convey the big picture.	Text contains <u>some lapses in logic</u> and/or nomenclature. Art & most refs. cited in text.	Text <u>makes sense</u> , nomenclature mostly correct, most abbreviations defined. Art & refs. placed OK.	Purpose clear, text makes <u>perfect</u> sense. Art and refs. cited in text, at the correct place, in the correct format.	/4
Word File Organization, & Formatting Counts x0.5	File organization lacking. Formatting of document (body, legends, & footnotes) lacking.	Sequence, page breaks, header & footer, footnotes are mostly OK. Document formatting mostly OK.	Sequence, breaks, header & footer, footnotes A-OK. Doc. formatting (margins, font, font size, spacing) <u>mostly OK</u> .	Sequence, breaks, header & footer, footnotes, & document formatting (margins, font, size, line spacing) are A-OK.	/2
				Total (Max. 20)	/20

Constructive Comments to Guide the Authors' Revision: