

Article

# FT-Raman Spectroscopy as a Tool to Study the Secondary Structures of Wheat Gliadin Proteins

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## Supplementary Materials:

**Citation:** Stawoska, I.; Wesołucha-Birczyńska, A.; Skoczowski, A.; Dziurka, M.; Waga, J.; FT-Raman Spectroscopy as a Tool to Study the Secondary Structures of Wheat Gliadin Proteins. *Molecules* **2021**, *26*, 5388. <https://doi.org/10.3390/molecules26175388>

Academic Editors: Paola Taddei and Michele Di Foggia

Received: 30 July 2021

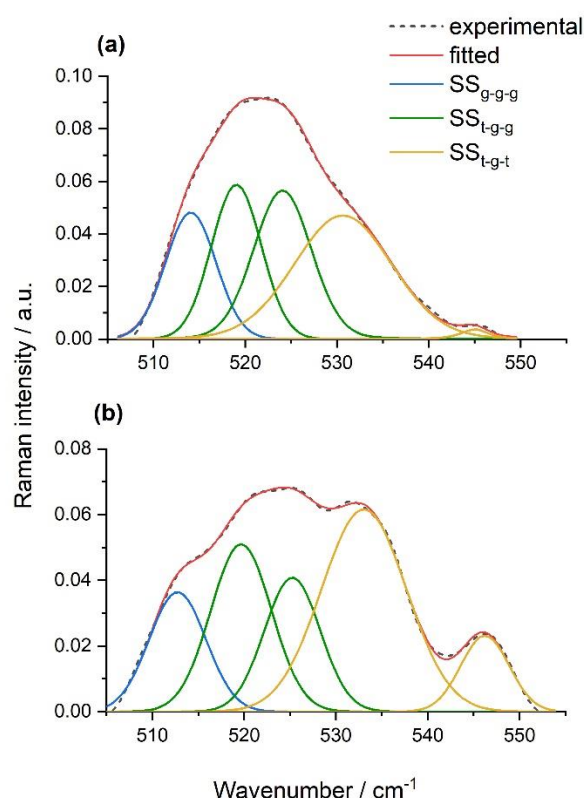
Accepted: 2 September 2021

Published: 4 September 2021

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**Figure S1.** The decomposition of the 500–550  $\text{cm}^{-1}$  region obtained from the isolated gliadin proteins of wasko.gl+, panel (a), and wasko.gl-, panel (b). The experimental profiles are represented by dashed black lines and the calculated ones are represented by solid red lines. The calculated profiles in the panels were determined as the sums of the individual curve-fitted components typical for gauche–gauche–gauche ( $\text{SS}_{g-g-g}$ ) at 513(514) $\text{cm}^{-1}$ —blue line; for trans–gauche–gauche ( $\text{SS}_{t-g-g}$ ) in the

range 519–525  $\text{cm}^{-1}$ —green line; and in the range 531–546  $\text{cm}^{-1}$  for trans–gauche–trans ( $\text{SS}_{\text{t-g-t}}$ ) conformations—yellow line, respectively.