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Effect of Leek (*A. ampeloprasum* L.) and Scallion (*A. chinense* L.) on Breadmaking Properties

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Allium such as leek (*A. ampeloprasum* L.) and scallion (*A. chinense* L.) powders blended with wheat flour improved the breadmaking properties of bread height (mm) and specific volume (cm³/g). Brabender farino-graphs of the *Allium* (leek and scallion) powder/wheat flour showed remarkable changes in the profile such as width of the tail. Size-exclusion high performance liquid chromatography (SE-HPLC) of the wheat proteins in the *Allium* (leek and scallion) blended or not blended wheat flour showed a profile of low, medium and high molecular weight peaks. The area of the high molecular weight peak of the wheat proteins was larger in the *Allium* blended flours than in control (wheat flour) indicating that these protein fractions were related to the improvement in breadmaking properties.

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