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Varietal Comparison of Free Amino Acids Content
in *Mori Radicis Cortex*

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From mulberry root bark of 13 varieties, free amino acids content was examined on HPLC analyzer. Average free amino acids content of the 13 mulberry varieties was 20.63mg/g DW. Free amino acids content of the varieties tested ranged from 17.18 to 24.05mg/g DW. Among the three genotypes, free amino acids content of the *Morus alba* was higher than the other genotype. But, according to the Duncan's multitest, free amino acids content were not affected by genotypes. In free amino acids content, Suwonppong was the highest with 24.05mg/g DW on the 13 varieties of mulberry. Mulberry root bark contained two essential amino acids such as histidine, liysine. The content of glutamic acid is the largest among in the free amino acids with 14.48mg/g DW.