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“Chemical profiling and multivariate data fusion methods for the identification of the botanical origin of honey”

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Abstract

The characterization of 72 Italian honey samples from 8 botanical varieties was carried out by a comprehensive approach exploiting data fusion of IR, NIR and Raman spectroscopies, Proton Transfer Reaction – Time of Flight – Mass Spectrometry (PTR-MS) and electronic nose. High-, mid- and low- level data fusion approaches were tested to verify if the combination of several

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