

**Table S1.**

Spectral features of *A. unedo* wild berries analysed.

Origin	Group Frequency wavenumber (cm <sup>-1</sup> )	Vibration modes
O-H	3300	Stretching vibration
C-H	2970, 2935	Symmetric and asymmetric
C-H; -CO-H	2870	Stretching vibration
C=O	1750	Stretching vibration
C-C-O	1500-1450	Stretching vibration
COO-C	1078	Stretching vibration