

Supplementary Materials

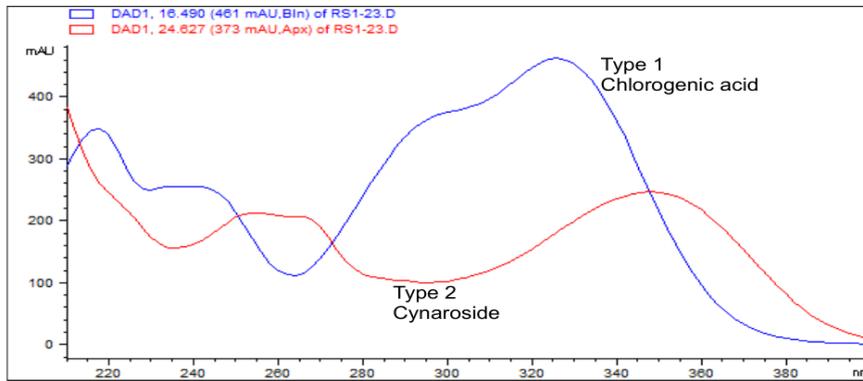


Figure S1: UV spectra of Chlorogenic Acid and Cynaroside, used for the quantification and identification (from Diode Array analysis).

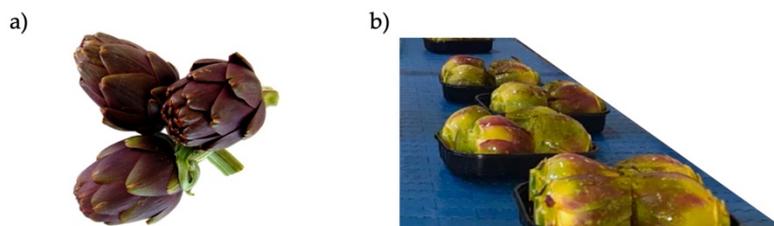


Figure S2: a) Globe artichoke of Tema cultivar. b) Tema fourth range product.

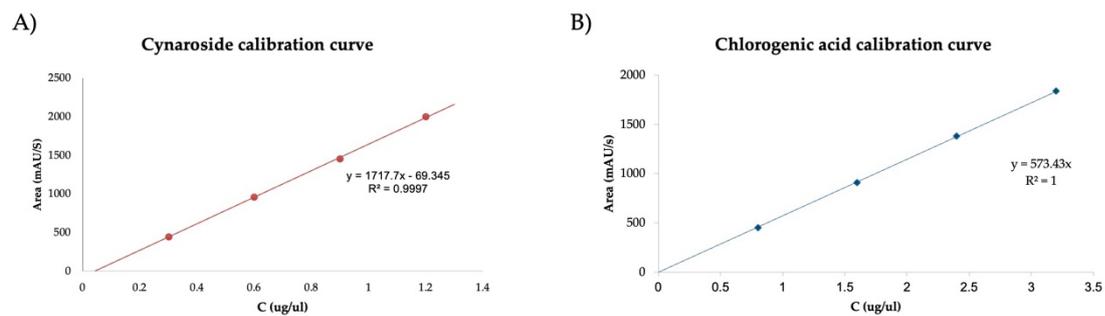


Figure S3: A) Cynaroside calibration curve; B) Chlorogenic acid calibration curve.

Table S1. Gradient programme of HPLC-DAD analysis

Time (min) ^a	Solvent A (%) ^b	Solvent B (%) ^b
0-4	95	5
4-44	78	22
44-49	65	35
49-50	20	80
50-60	95	5

^aTime is referred to the starting time of the HPLC gradient. ^b Solvent A and B contained 0.001% of TFA.