

Table S1. Retention time, concentration and molecular ion of major and minor anthocyanins in the extraction mixture.

| Anthocyanins | Retention time, min | Peak area | Concentration, mg/ml | m/z |
|------------------------|------------------------|-----------|-------------------------|--------|
| Major components | | | | |
| Cyanidin glucoside | 2.96 | 54092 | 0.054 | 486.21 |
| Cyanidin arabinoside | 6.60 | 57480 | 0.057 | 426.33 |
| Minor components | | | | |
| Cyanidin galactoside | 2.23 | 3611 | 0.0036 | 485.96 |
| Pelargonidin glucoside | 4.58 | 5613 | 0.0056 | 450.03 |
| Malvidin glucoside | 7.92 | 6067 | 0.0060 | 510.42 |