

Supplementary Data

SUPPLEMENTARY TABLE S1. ANTHOCYANIN DETERMINATION OF MAQUI, CALAFATE, AND BLUEBERRY EXTRACTS BY LC-MS

| <i>RT (min)</i> | <i>Compound</i> | <i>Molecular ion (m/z)</i> | <i>Fragment ions (m/z)</i> | | |
|-----------------|---|----------------------------|----------------------------|-------------------|------------------|
| | | | <i>Maqui</i> | <i>Calafate</i> | <i>Blueberry</i> |
| 3.6 | Cyanidin-3,5-diglucoside or cyanidin-3-soforoside | 611.4 | 449.0 286.9 593.1 | 449.0 287.0 | |
| 4.2 | Delphinidin-3-sambubioside-5-glucoside | 759.5 | 465.0 597.0 303.0 | | |
| 4.4 | Petunidin-3- <i>O</i> -galactoside-5- <i>O</i> -glucoside or petunidin-3- <i>O</i> -glucoside-5- <i>O</i> -glucoside | 641.4 | | 479.0 317.1 | |
| 4.7 | Delphinidin-3,5- <i>O</i> -diglucoside | 627.4 | 465.0 303.0 | | |
| 6.0 | Cyanidin-3-sambubioside-5-glucoside | 743.6 | 449.0 581.0 287.0 | | |
| 6.2 | Delphinidin-3-glucoside or galactoside. | 465.3 | 303.0 | 303.0 | 303.0 |
| 6.3 | Delphinidin-3-sambubioside | 597.4 | 303.0 | | |
| 8.0 | Delphinidin-3-arabinoside | 435.4 | | | 303.0 |
| 8.4 | Cyanidin-3-sambubioside | 581.4 | 287.0 | | |
| 8.7 | Cyanidin-3-glucoside or cyanidin-3-galactoside | 449.3 | 287.0 | 287.0 | |
| 9.4 | Cyanidin-3-rutinoside | 595.4 | | 287.0 449.0 578.2 | |
| 9.7 | Cyanidin-3-arabinoside or cyanidin-3-xiloside | 419.3 | | | 287.0 |
| 9.8 | Petunidin-3-galactoside or petunidin-3-glucoside | 479.1 | | 317.1 | 317.1 |
| 10.6 | Petunidin-3-rutinoside | 625.4 | | 317.1 479.0 | |
| 11.1 | Petunidin-3-arabinoside | 449.2 | | | 317.1 |
| 11.9 | Peonidin-3-galactoside or peonidin-3-glucoside | 463.4 | | 301.0 | |
| 12.9 | Malvidin-3-galactoside or malvidin-3-glucoside | 493.2 | | 331.1 | 331.1 |
| 13.0 | Peonidin-3-arabinoside | 433.4 | | | 301.0 |
| 13.5 | Malvidin-3-rutinoside | 639.4 | | 331.1 493.0 | |
| 14.1 | Malvidin-3-arabinoside | 463.3 | | | 331.1 |

LC-MS, liquid chromatography coupled to mass spectrometry; RT, retention time.