

**S4 Table.** Relative levels of individual phenolic compounds within flavonoid class and relative level of flavonoid class regarding total analyzed phenolics of blue and albino bilberry skins.

<b>Blue bilberry</b>	<b>%</b>	<b>Albino bilberry</b>	<b>%</b>
<b>Total anthocyanins</b>	<b>71.8</b>	<b>Total anthocyanins</b>	<b>4.5</b>
Delphinidin-3- <i>O</i> -galactoside	15.1	Delphinidin-3- <i>O</i> -galactoside	19.3
Delphinidin-3- <i>O</i> -arabinoside	10.7	Delphinidin-3- <i>O</i> -arabinoside	13.4
Delphinidin-3- <i>O</i> -glucoside	8.0	Delphinidin-3- <i>O</i> -glucoside	2.4
Cyanidin-3- <i>O</i> -glucoside	12.9	Cyanidin-3- <i>O</i> -arabinoside	15.4
Cyanidin-3- <i>O</i> -arabinoside	11.1	Cyanidin-3- <i>O</i> -galactoside	10.8
Cyanidin-3- <i>O</i> -galactoside	8.6	Cyanidin-3- <i>O</i> -glucoside	6.2
Petunidin-3- <i>O</i> -glucoside	9.6	Petunidin-3- <i>O</i> -glucoside	13.3
Petunidin-3- <i>O</i> -galactoside	6.6	Petunidin-3- <i>O</i> -arabinoside	7.6
Petunidin-3- <i>O</i> -arabinoside	2.4	Petunidin-3- <i>O</i> -galactoside	3.2
Malvidin-3- <i>O</i> -glucoside	5.1	Malvidin-3- <i>O</i> -glucoside	2.2
Malvidin-3- <i>O</i> -galactoside	3.8	Malvidin-3- <i>O</i> -arabinoside	2.1
Malvidin-3- <i>O</i> -arabinoside	1.2	Malvidin-3- <i>O</i> -galactoside	0.9
Peonidin-3- <i>O</i> -glucoside	4.0	Peonidin-3- <i>O</i> -galactoside	1.9
Peonidin-3- <i>O</i> -galactoside	0.6	Peonidin-3- <i>O</i> -glucoside	1.0
Peonidin-3- <i>O</i> -arabinoside	0.3	Peonidin-3- <i>O</i> -arabinoside	0.2
<b>Total flavanols</b>	<b>4.0</b>	<b>Total flavanols</b>	<b>21.4</b>
Epicatechin	35.3	Epicatechin	58.8
Catechin	20.6	Catechin	2.7
Procyanidin trimer	22.3		
Procyanidin dimer	19.7	Procyanidin dimer	33.6
Gallocatechin	2.1	Gallocatechin	5.0
<b>Total flavanols</b>	<b>4.7</b>	<b>Total flavanols</b>	<b>12.6</b>
Quercetin-3- <i>O</i> -glucuronide	28.6	Quercetin-3- <i>O</i> -glucuronide	61.7
Quercetin-3- <i>O</i> -galactoside	25.9	Quercetin-3- <i>O</i> -galactoside	27.0
Quercetin-3- <i>O</i> -glucoside	9.3	Quercetin-3- <i>O</i> -glucoside	3.0
Quercetin-3- <i>O</i> -rhamnoside	1.9	Quercetin-3- <i>O</i> -rhamnoside	1.1
Myricetin hexoside 2	6.4	Kaempferol-3- <i>O</i> -glucuronide	2.3
Myricetin hexoside 1	4.4	Myricetin pentoside 1	0.9
Myricetin	3.8		
Myricetin pentoside 1	0.7	Myricetin hexoside 2	0.5
Myricetin-3- <i>O</i> -glucuronide	0.7	Myricetin-3- <i>O</i> -rhamnoside	0.4
Myricetin-3- <i>O</i> -rhamnoside	0.7	Myricetin-3- <i>O</i> -glucuronide	0.2
Myricetin pentoside 2	0.1	Myricetin hexoside 1	0.1
Laricitrin-3- <i>O</i> -glucoside	10.0	Myricetin pentoside 2	0.1
Laricitrin-3- <i>O</i> -galactoside	0.04		
Laricitrin-3- <i>O</i> -glucuronide	0.01	Syringetin-3- <i>O</i> -galactoside	0.8
Syringetin-3- <i>O</i> -galactoside	4.9	Syringetin-3- <i>O</i> -glucoside	0.4
Syringetin-3- <i>O</i> -glucoside	0.2	Laricitrin-3- <i>O</i> -glucuronide	0.6
Kaempferol-3- <i>O</i> -glucuronide	1.9	Laricitrin-3- <i>O</i> -glucoside	0.3
Isorhamnetin-3- <i>O</i> -glucoside	0.4	Isorhamnetin-3- <i>O</i> -glucoside	0.4
Isorhamnetin-3- <i>O</i> -galactoside	0.02	Isorhamnetin-3- <i>O</i> -galactoside	0.3
<b>Total hydroxycinnamic acid derivatives</b>	<b>19.4</b>	<b>Total hydroxycinnamic acid derivatives</b>	<b>61.2</b>
<i>trans</i> -5-Caffeoylquinic acid	86.3	<i>trans</i> -5-Caffeoylquinic acid	82.9
Caffeic acid derivative 1	9.8	Caffeic acid derivative 1	3.5
		Caffeic acid derivative 2	0.7
Caffeic acid	0.2		
<i>cis</i> -5-Caffeoylquinic acid	0.1	<i>cis</i> -5-Caffeoylquinic acid	0.3
Caffeic acid derivative 3	0.04	Caffeic acid derivative 3	0.2
Coumaroyl iridoid isomer 3	1.3	Coumaroyl iridoid isomer 3	4.8
Coumaroyl iridoid isomer 2	0.7	<i>p</i> -Coumaric acid hexoside	3.0
Coumaroyl iridoid isomer 1	0.3	5- <i>p</i> -Coumaroylquinic acid 1	2.6
5- <i>p</i> -Coumaroylquinic acid 2	0.3	Coumaroyl iridoid isomer 2	0.8
<i>p</i> -Coumaric acid hexoside	0.1	5- <i>p</i> -Coumaroylquinic acid 2	0.4
Coumaric acid derivative 1	0.1	Coumaric acid derivative 1	0.3
Coumaric acid derivative 3	0.1	Coumaroyl iridoid isomer 1	0.2

5- <i>p</i> -Coumaroylquinic acid 1	0.04	Coumaric acid derivative 3	0.2
Coumaric acid derivative 2	0.03		
5-Feruloylquinic acid	0.4		
<b>Hydroxybenzoic acid derivative</b>	<b>0.03</b>	<b>Hydroxybenzoic acid derivative</b>	<b>0.3</b>
Depside	100%	Depside	100%