

Antioxidant Properties of Chokeberry Products - Assessment of the Composition of Juices and Fibers

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Table S1. Content of Studied Antioxidants Parameters in Other Studies.

Studied Component	Type Of Product	Content of Studied Antioxidant Parameters
Total Anthocyanins in Chokeberry Products (mg Cy-3-GL/kg of Product)	Chokeberry Juice	1209.7 [6], 150-1228 [40], 400-700 [46], 150 (Commercial Chokeberry Juice) [55], 2180 (Fresh Chokeberry Juice) [55]
	Chokeberry Fruits	6936 [43], 6784-7415 [44], 13087.5-14552.5 [57], 4500 [46]
	Chokeberry Dried Fruits	1954-2466 [40] 1400-3100 [46]
	Chokeberryy Concentrate	3600 [46]
	Chokeberry Pomace	10000 [46]
	Chokeberry Jam	200-400 [46]
	Chokeberry Compote	200 [46]
	Chokeberry Syrup	100 [46]
	Chokeberry Powder	1165-1641 [40]
	Chokeberry Fruit Tea	282-675 [40]
Total Anthocyanins in Other Products (mg Cy-3-GL/kg of Product)	Acerola Juice	55.7 [48]
	Cranberry Juice	200.4 [48]
	Elderberry Juice	1966.8 [6]
	Gojiiberry Juice	44.5 [48]
	Japanese Quince Juice	77.9 [48]
	Sea Buckthorn Juice	22.3 [48]
	Wild Rose Juice	0.3 [6], 27.8 [48]
	Bilberry Fruits	6555 [43]
	Black Elder Fruits	7183 [43]
	Raspberry Fruits	598 [43]
Total Flavonoids in Chokeberry Products (mg CE or QE/kg of Product)	Chokeberry Juice	2700-2900 ^a [46], 5069 ^a [6]
	Chokeberry Fruits	5300 ^a [46]
	Chokeberry Powder	34.5-52.2 ^b [54]
	Chokeberry Dried Berries	12500-19900 ^a [46]
	Chokebery Concentrate	6100 ^a [46]
	Chokeberry Pomace	9300 ^a [46]
	Chokeberry Jam	2900-6400 ^a [46]
	Chokeberry Compote	3300 ^a [46]

Total Flavonoids in Other Products (mg QE/kg of Product)	Acerola Juice	1574 ^a [48]
	Cranberry Juice	24 ^a [6], 527 ^a [48]
	Elderberry Juice	804 ^a [6]
	Gojiberry Juice	139 ^a [48]
	Japanese Quince Juice	3214 ^a [6], 2641 ^a [48]
	Sea Buckthron Juice	3833 ^a [6], 251 ^a [48]
	Wild Rose Juice	5607 ^a [6], 5864 ^a [48]
FRAP in Chokeberry Products (mmol/kg)	Chokeberry Juice	7.79-10.41 ^d [13], 38.71-79.86 ^c [40], 134.61 ^c [41], 44.9 ^e [42]
	Dried Chokeberry Fruits	183.52-191.31 ^c [40]
	Chokeberry Powder	47.38-68.6 ^c [40]
	Chokeberry Fruit Tea	111.43-163.33 ^c [40]
FRAP in Other Products (mmol/kg)	Acerola Juice	63.2 ^e [42]
	Blackcurrant Juice	36.5 ^e [42] 108 ^c [49]
	Black Elder Juice	35.5 ^e [42]
	Cranberry Juice	7.5 ^e [42]
	Pomegranate Juice	28.7 ^e [42]
	Sea Buckthorn Juice	11.6 ^e [42]
TPC in Chokeberry Products (mg GAE/kg)	Chokeberry Juice	11,266 [6], 3002-6639 [40], 8297 [42], 6300-6600 [46], 5138-8988.3 [45], 5561-7956 [53], 5860 -5930 [55], 6884.7 [57]
	Chokeberry Nectar	2475.2-3782.1 [45]
	Chokeberry Fresh Berries	19,500-23,400 [47], 13,300 [46]
	Chokeberry Dried Berries	1954-2466 [40], 40152.5 [57] 39,900-50,100 [46]
	Chokebery Concentrate	29,600 [46]
	Chokeberry Pomace	9300 [46]
	Chokeberry Jam	6900-12000 [46]
	Chokeberry Compote	6700 [46]
	Chokeberry Syrup	2600 [46]
	Chokeberry Tea	1494-3436 [40]
	Chokeberry Powder	276.3-326.1 [54], 4233-4434 [40]
	Acerola Juice	13707 [48], 7362 [42]

TPC in Other Products (mg GAE/kg)	Apple Juice	571 [50], 1142.12 [51]
	Black Elder Juice	5881 [42]
	Billberry Juice	3845.04 [51]
	Blackcurrant Juice	1088.8-1392.2 [52], 5402 [42]
	Carrot Juice	338.9 [52]
	Cranberry Juice	2773 [6], 1627 [53], 3504 [48], 1547 [42]
	Gojiiberry Juice	4028 [48]
	Grape Juice	1674.79 [51], 643.4-1564 [52]
	Grapefruit juice	496.8-537.6 [52]
	Japanese Quince	6852 [48]
	Orange Juice	840.59 [51], 385.1-541.6 [52], 195 [50]
	Pineapple juice	369.6-1018.6 [52]
	Pomegranate Juice	3558 [53], 3717 [42]
	Sea Buckthorn Juice	4784 [48], 2408 [42]
	Sour CherryJuice	2447.25 [51]
	Strawberry Juice	1406.12 [51]
	Tomato Juice	213.6-358.1 [52], 184 [50]
	Wild Rose Juice	16,619 [6], 13188 [48]
	Elderberry Juice	6826 [6], 3239 [53]
	Chokeberry Juice	398 [42], 987.5 [53]
Vitamin C in Chokeberry Products (mg AA/kg)	Chokeberry Fruits	130 [42], 318.5 [53]
	Chokeberry Dried Berries	151.1 [53]
	Chokeberry Jam	79.6 [53]
Vitamin C in Other Products (mg AA/kg)	Acerola Juice	9283 [48], 8528 [42]
	Apple Juice	372 [50]
	Apple, Puree	149-435 [50]
	Bilberry Fruits	183 [43]
	Blackcurrant Juice	801 [42]
	Black Elder Juice	295 [42]
	Black Elder Fruits	171 [43]
	Cranberry Juice	250 [48], 1145 [42]
	Gojiiberry Juice	4237 [48]
	Grape Juice	380.16-454.57 [58]

Japanese Quince Juice	1978 [48]
Orange Juice	346 [50], 550.87-612.15 [58]
Pomegranate Juice	5 [42]
Raspberry Fruits	200 [43]
Sea Buckthorn Juice	3255 [48], 1175 [42]
Tomato Juice	32 [50]
Wild Rose Juice	4548 [48]

AA - ascorbic acid, Cy-3-GL - cyanidin-3-glucoside, FRAP - Ferric Reducing Antioxidant Power Assay, GAE - gallic acid, QE- quercetin, ^a - mg catechin/kg of product, ^b - mg quercetin/kg of product, ^c – FRAP value in mmol/kg of product, ^d – FRAP value in mg of Trolox equivalents/mL of product, ^e - FRAP value in mM of Trolox equivalents