

## Supplementary Information

### Edible plant leaves: an overview of their polyphenol composition, health properties and occurrence.

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The supplementary data comprises four tables listing the phenolic compounds contained in 50 EPLs belonging to the 4 categories cited in this review. The compounds are listed in ascending order of reference date and then in alphabetical order.

Table S1. Phenolic compounds identified in 15 Green Leaf Vegetables

\*compounds identified in leaves and stems

<p>Amaranthaceae</p> <p><b><i>Beta vulgaris subsp. vulgaris</i></b> L.</p> <p>Swiss chard</p>	<p>6''-Malonyl-2''-xylosyl vitexin; Isorhamnetin 3-gentiobioside; Kaempferol 3-gentiobioside; Vitexin 2''-xyloside (1); 3-hydroxy-5<math>\alpha</math>,6<math>\alpha</math>-epoxy-<math>\beta</math>-ionone; (+)-Dehydrovomifoliol; Vitexin 2''-O-<math>\beta</math>-D-glucopyranoside; Vitexin 7-O-<math>\beta</math>-D-glucopyranoside (2); Caffeic acid; Chlorogenic acid; p-Coumaric; Ferulic acid; Gallic acid; Kaempferol; Kaempferol 3-gentiobioside; Myricetin; Protocatechuic acid; Quercetin (3); Apigenin 7-rutinoside; Isorhamnetin; Quercetin 7-glucuronide; Rutin; Vitexin 2''-O-rhamnoside (4); Acacetin-C-glucoside; Acetyl isovitexin; Acetyl O-methyl isovitexin; Apigenin-C-pentoside-C-hexoside; Isovitexin; Isovitexin hexoside; Isovitexin pentoside; isoswertisin 2'' acetate; Vitexin (5); Myricitrin acid; Rosmarinic acid (6); p-Coumaric acid hexoside; p-Coumaroylcaffeic acid; Ferulic acid derivative 1; Ferulic acid derivative 2; Ferulic acid hexoside; Isorhamnetin dihexoside; Isorhamnetin rutinoside; Luteolin dihexoside; Malonylpentosylvitexin; Vitexin hexoside; Vitexin hexoside derivative; Vitexin pentoside (7)</p>
<p>Amaranthaceae</p> <p><b><i>Spinacia oleracea</i></b> L.</p> <p>Spinach</p>	<p>5,2',3'-trihydroxy-4'-methoxy-6,7-methylenedioxyflavonol 3-O-<math>\beta</math>-glucuronide; 5,3'-dihydroxy-4'-methoxy-6,7-methylenedioxyflavonol 3-O-<math>\beta</math>-glucuronide; 5,6-dihydroxy-7,3',4'-trimethoxyflavonol 3-O-<math>\beta</math>-glucuronide; 5,6,3',4'-tetrahydroxy-7-methoxyflavonol 3-O-disaccharide; 5,6,3'-trihydroxy-7,4'-dimethoxyflavonol 3-O-<math>\beta</math>-glucuronide; 5,6,4'-trihydroxy-7,3'-dimethoxyflavonol 3-O-disaccharide; 5-hydroxy-3',4'-dimethoxy-6,7-methylenedioxyflavonol 3-O-<math>\beta</math>-glucuronide; 5,8,4'-trihydroxyflavanone; 7,8,4'-trihydroxyflavanone (8); trans-Cinnamic acid; Ellagic acid (9); Catechin; Chlorogenic acid; m-Coumaric acid; o-Coumaric acid; p-Coumaric acid; Epicatechin; Epicatechin gallate; Ferulic acid; Gallic acid; Gallocatechin; Gentisic acid; m-hydroxybenzoic acid; p-hydroxybenzoic acid; Kaempferol; Kaempferol 3-O-glucoside; Luteolin; Luteoline 7-O-glucoside; Luteoline 7-O-rutinoside; Myricetin; Myricetin 3-O-glucoside; Patuletin; Protocatechuic acid; Quercetin; Quercetin 3-O-glucoside; Quercetin 3-O-rhamnoside; Quercetin 3-O-rutinoside; <math>\alpha</math> – resorcylic acid; Sinapic acid; Spinacetin; Syringic acid; Vanillic acid (10); 5,3',4'-Trihydroxy-3-methoxy-6,7-methylenedioxyflavone; 5,3',4'-Trihydroxy-3-methoxy-6,7-methylenedioxyflavone 4'-glucuronide; 5,4'-Dihydroxy-3-methoxy-6,7-methylenedioxyflavone; 5,4'-Dihydroxy-3-methoxy-6,7-methylenedioxyflavone 4'-glucuronide; 5,4'-Dihydroxy-3,3'-dimethoxy-6,7-methylenedioxyflavone; 5,4'-Dihydroxy-3,3'-dimethoxy-6,7-methylenedioxyflavone 4'-glucuronide; Jaceidin; Jaceidin-4'-glucuronide; Jaceosidin; Patuletin I; Patuletin II; Patuletin III; Patuletin-</p>

	<p>3-glucoside; Patuletin-3-gentiobioside; Patuletin-3-[apiosyl-(1-2)]-glucoside; Patuletin-3-glucosyl-(1-6)-[apiosyl-(1-2)]-glucoside; Patuletin-3-(2''-feroylglucosyl)-(1-6)-glucoside; Patuletin-3-[2''-feruloylglucosyl-(1-6)]-[apiosyl-(1-2)]-glucoside; Spinacetin I; Spinacetin II; Spinacetin III; Spinacetin IV; Spinacetin V; Spinacetin VI; Spinacetin-3-glucoside; Spinacetin-3-gentiobioside; Spinacetin-3-[apiosyl-(1-2)]-glucoside; Spinacetin-3-glucosyl-(1-6)-[apiosyl-(1-2)]-glucoside; Spinacetin-3-(2''-feroylglucosyl)-(1-6)-glucoside; Spinacetin-3-[2''-feroylglucosyl-(1-6)]-[apiosyl-(1-2)]-glucoside; Spinatoside (11); Patuletin-3-O-(2''-coumaroylglucosyl)-(1→6)-glucoside; Patuletin-3-O-(2''-coumaroylglucosyl)-(1→6)-[apiosyl-(1→2)]-glucoside; Rhamnetin-3-O-glucosyl-(1→5)-[apiosyl-(1→2)]-glucoside; Spinacetin 3-O-(2''-coumaroylglucosyl)-(1→6)-[apiosyl-(1→2)]-glucoside; Spinacetin-3-O-(2''-coumaroylglucosyl)-(1→6)-glucoside(12)</p>
<p>Amaryllidaceae</p> <p><i>Allium ampeloprasum var. porrum</i> L.</p> <p>Leek</p>	<p>Astragaline;Kaempferol-3-O-[2-O-(trans-3-methoxy-4-hydroxycinnamoyl)]-β-d-glucopyranosyl-(1→6)-O-β-d-glucopyranoside; Kaempferol-3-O-[2-O-(trans-3-methoxy-4-hydroxycinnamoyl)]-β-d-galactopyranosyl-(1→4)-O-β-d-glucopyranoside; Kaempferol-3-O-neohesperidoside(13); Kaempferol-3-O-[2-O-(malonyl)]-B-D-hexosyl-(1→4)-O-B-D-glucopyranoside; Kaempferol-3-O-(6''-O-malonyl)-B-D-glucopyranoside (14); Kaempferol derivative; Kaempferol hexose; Kaempferol dihexose; Kaempferol malonyl dihexose 1; Kaempferol malonyl dihexose 2; Kaempferol malonyl hexose; Kaempferol trihexose; Quercetin derivative; Quercetin malonyl dihexose (15); Apigenin; Caffeic acid; Chlorogenic acid; Dihydroxybenzoic acid; Ferulic acid; Gallic acid; Kaempferol glucoside; Myricetin; Naringenin; Protocatechuic acid; Quercetin; Quercetin glucoside; Rosmarinic acid; Rutin; Sinapic acid; Syringic acid; Vanillic acid (16)</p>
<p>Apiaceae</p> <p><i>Apium graveolens</i> L.</p> <p>Celery</p>	<p>Apigenin; Caffeic acid; Catechin; Chrysin; Chlorogenic acid; Cinnamic acid; p-Coumaric acid; Ellagic acid; Ferulic acid; Gallic acid; Hesperitin; Luteolin; Protocatechuic acid; Pyrogallol; Quercetrin; Rosmarinic acid; Salicylic acid; Syringic acid (17); Aesculin; Apigenin-C-dihexoside; Apigenin diacyl-O-deoxyhexosyl pentoside; Apigenin-O-acyl (trimethyl ether) methoxy galloyl quinoyl (acyl pentosyl) pentoside; Apigenin-O-acyl hexosyl pentoside; Apigenin-O-dihexosyl deoxy hexoside; Apigenin-O-dihexosyl pentoside; Apigenin-O-hexosyl dimethyl caffoeoyl-C-pentoside; Azelaic acid; Caffeoylequinic acid; Chrysoeriol; Chrysoeriol acyl-O-hexosyl pentoside; Chrysoeriol malonyl-O-hexosyl pentoside; Chrysoeriol-O-dihexosyl pentoside; Chrysoeriol-O-hexoside deoxyhexoside hexoside; Chrysoeriol-O-hexosyl pentoside; Cleomiscosin A; Coumaroylquinic acid; Dihydroxybiscoumarin; Dillapional-O-dihexoside; Feruloylquinic acid; Homovanillyl-O-hexoside; Hydroxyisophthalic acid; Hydroxypropofol O-glucuronide; Isofraxidin; Isofraxidin-O-hexoside; Licocoumarone; Luteolin-O-hexosyl pentoside; Noidesol A; Ptelatoside B; Syringoylquinic acid; Uralenneoside (18); Apiin; Apigenin 7-O-[β-d-apiofuranosyl(1→2)-(6''-O-malonyl)]-β-d-glucopyranoside; Chrysoeriol 7-O-β-d-apiofuranosyl(1→2)-β-d-glucopyranoside; Luteolin 7-O-β-d-apiofuranosyl(1→2)-β-d-glucopyranoside; Luteolin 7-O-[β-d-apiofuranosyl(1→2)-(6''-O-malonyl)]-β-d-glucopyranoside; Luteolin 7-O-β-d-glucopyranoside (19); 3,7-dihydroxyflavone; Cyanidin; Diosmetin; Elemicin; Peucedanin; Rutin; Safflomin A (20)*</p>
	<p>Caffeoylglucose; Caffeoyleshikimic esters; Dicaffeoyltartaric esters (21);</p>

<p>Asteraceae</p> <p><b><i>Cichorium endivia</i> ssp. <i>Foliosum</i> L.</b></p> <p>Endive / Escarole</p>	<p>Caffeoylmalic acid ; Kaempferol-3-O-glucuronide (22); 1,3-dicaffeoylquinic acid; 1,4-dicaffeoylquinic acid; 3,4-Dicaffeoylquinic acid (isochlorogenic acid B); 3,5-Dicaffeoylquinic acid (isochlorogenic acid A); 3-caffeoylquinic acid (chlorogenic acid); 5-caffeoylquinic acid (neochlorogenic acid); Cis-5-feruloylquinic acid; Trans-5-feruloylquinic acid; Caffeic acid; Caffeoyl tartaric acid dimethyl ester; Caffeoylquinic acid rhamnoside; Trans-caftaric acid; Chicoric acid; p-coumaric acid; Galloyl derivative; Kaempferide derivative; Kaempferol-3-O-glucoside; Kaempferol-3-O-(6''-malonyl)-glucoside; Kaempferol-7-O-glucoside; Kaempferol-7-O-(6''-malonyl)-glucoside; Myricetin-3-O-glucoside; Pinocembrin-O-rhamnoside; Quercetin-3,7-di-O-glucoside; Quercetin-7-O-glucoside; Quercetin-monoglucuronide; Quercetin-monoglucuronil-O-(6''-malonyl)glucoside; Vanillic acid derivative (23); 4-hydroxy-phenyl acetic acid; Aesculetin; Cichoriin; Ferulic acid; Quercetin (24); Caffeoylquinic acid-O-hexoside; Coumaroylquinic acid; Dicaffeoylquinic acid-O-hexoside; Dicaffeoylquinic acid-O-malonyldihexoside; Dicaffeoylquinic acid rhamnoside; Dihydroxylactucopicrin; Isorhamnetin-O-dihexoside; Kaempferol-O-acetylhexoside; Kaempferol-O-dihexoside; Kaempferol-O-hexoside-uronide; Kaempferol-O-malonyldihexoside; Lactucopicrin (25)</p>
<p>Asteraceae</p> <p><b><i>Cichorium intybus</i> subsp. L.</b></p> <p>Green chicory / Red chicory</p>	<p>Cichoriin (26); Cyanidin-3-O-(6''-malonyl-β-glucopyranoside); Delphinidin-3,5-di-O-(6-O-malonyl-β-D-glucoside); Delphinidin-3-O-(6-O-malonyl-β-D-glucoside)-5-O-β-D-glucoside; Delphinidin-3-O-β-D-glucoside-5-O-(6-O-malonyl-β-D-glucoside); Delphinidin-3,5-di-O-β-D-glucoside(27); 3,5,7-trihydroxy-3',4'-dimethoxy-flavone-7-O-β-D-galactopyranosyl-(1→4)-β-D-xylopyranosyl-3-O-α-L-rhamnopyranoside; 3,5,7-trihydroxy-6,4'-dimethoxyflavone; Ladanetin; Luteolin; Spicoside(28); 1,3-Dicaffeoylquinic acid; 1,4-Dicaffeoylquinic acid; 3,4-Dicaffeoylquinic acid (isochlorogenic acid B); 3,5-Di-caffeoylquinic acid; 4-Caffeoylquinic acid (cryptochlorogenic acid); 4-O-feruloylquinic acid; 5-Caffeoylquinic acid (neochlorogenic acid); 5-Caffeoylshikimic acid; 5-O-feruloylquinic acid; 5-p-Coumaroylquinic acid; Apigenin-7-O-glucoside; Cyanidin; Cyanidin-3-O-(6''-O-acetyl)-glucoside; Cyanidin-3-O-galactoside; Cyanidin-3-O-glucoside; Dimethoxycinnamoyl shikimic acid; Isorhamnetin-7-O-glucuronide; Isorhamnetin-7-O-(6''-O-acetyl)-glucoside; Isorhamnetin-7-O-(6''-O-malonyl)-glucoside; Isorhamnetin-7-O-glucoside; Isorhamnetin-7-O-(6''-O-malonyl)-glucoside; Kaempferide glucuronide; Kaempferol; Kaempferol-3-O-(6''-O-acetyl)-glucoside; Kaempferol-3-O-(6''-O-malonyl)-glucoside; Kaempferol-3-O-glucoside; Kaempferol-3-O-glucuronide; Kaempferol-3-O-glucuronide-7-O-glucoside; Kaempferol-7-O-(6''-O-acetyl)-glucoside; Kaempferol-7-O-glucoside; Kaempferol-7-O-glucuronide; Kaempferol-7-O-neohesperidoside; Kaempferol-7-O-(6''-O-malonyl)-glucoside; Kaempferol-7-O-rutinoside; Kaempferol-7-O-(6''-O-acetyl)-glucoside; Malvidin-3-O-glucoside; Myricetin-7-O-(6''-O-malonyl)-glucoside; Pelargonidin-3-O-monoglucuronide; Petunidin-3-O-(6''-O-malonyl)-glucoside; Quercetin-3-O-(6''-O-malonyl)-glucoside; Quercetin-7-O-galactoside; Quercetin-7-O-glucoside; Quercetin-7-O-glucuronide; Quercetin-7-O-(6''-O-acetyl)-glucoside; Quercetin-7-O-p-coumaroylglucoside; trans-Caftaric acid; Tricin-3-O-glucoside (29); Catechin; Dihydroxy p-coumaric acid; Dihydroxybenzoic acid; Hydroxybenzoic acid; Protocatechuic acid; Quercetin-3,4-O-diglucoside; Quercetin-3-O-glucoside; Quercetin-3-O-rutinoside (Rutin) (30); Gallic acid; Cinnamic acid; p-Coumaric acid; Ellagic acid (31)</p>
	<p>Caffeoyltartaric acid; Chlorogenic acid; Cyanidin 3-malonylglucoside;</p>

<p>Asteraceae</p> <p><b><i>Lactuca sativa</i></b> L.</p> <p>Laitue</p>	<p>Dicaffeoyltartaric acid; Dicaffeoylquinic acid; Quercetin 3-glucoside; Quercetin 3-glucuronide; Quercetin 3-malonylglucoside; Quercetin 7-glucoside 3-(6''-malonylglucoside) (32); 3,5-di-O-caffeoylquinic acid; Meso-di-O-caffeoyltartaric acid; O-caffeoylmalic acid; O-caffeoylquinic acid (33); 5-p-coumaroylquinic acid; p-Coumaroyl caffeoyl tartaric acid; p-Coumaroyl Tartaric acid; Di-p-coumaroyl tartaric acid (34); Durenol; Thymol (35); Caffeoylferuloylquinic acid; Esculin; Feruloyl tartaric acid; Isorhamnetin-3-O-glucuronide; Kaempferide-3-O-glucuronide; Methylcaffeoylferuloyltartaric acid; Quercetin (36); Anthocyanin; Epicatechin; Isorhamnetin; Kaempferol; Myricetin (37); 1-O-caffeoylquinic acid; 5-Feruloylquinic acid; 5-O-caffeoylquinic acid (neochlorogenic acid); Kaempferol malonylglucoside (38); 1,3-dicaffeoylquinic acid; Hydroxyphenylpyruvic acid; Hydroxycoumarin; Luteolin derivative; Luteolin-7-o-glucoside; Neohesperidin; Tetrahydroxyflavone; 3-p-Coumaroylquinic acid; Umbelliferone (39); cis 5-O-p-Coumaroylquinic acid; trans 5-O-p-Coumaroylquinic acid; Caffeoyl malate; Caffeoyltartaric acid hexoside 1; Caffeoyltartaric acid hexoside 2; p-Coumaric acid; Cryptochlorogenic acid; Dihydroxybenzoic acid hexoside; Esculetin glucoside; Gallic acid; Galloyl hexoside; Kaempferol-3-O-glucuronide; Quercetin-3-(6''-acetylglucoside); Quercetin-3-O-galactoside; Sinapic acid; Sinapoyl hexoside derivative (7); Apiin; Rosmarinic acid (40)</p>
<p>Asteraceae</p> <p><b><i>Valeriana locusta</i></b> L.</p> <p>Lamb's lettuce</p>	<p>Caffeic acid; Chlorogenic acid; Diosmetin; Luteolin; Protocatechuic acid (41); Genistein; Kaempferol-3-O-rutinoside; Rutin (42); p-Coumaric acid; Hesperidin; Sinapic acid (43); 4-Caffeoylquinic acid (cryptochlorogenic acid); Caffeoylquinic hexoside; Dicaffeoylquinic hexoside; Luteolin-pentosyl hexoside; Genistin (44); 3,4-Dicaffeoylquinic acid (isochlorogenic acid B); 3,5-Dicaffeoylquinic acid (isochlorogenic acid A); 4,5-Dicaffeoylquinic acid (isochlorogenic acid C); 5-Caffeoylquinic acid (neochlorogenic acid); cis-5-Caffeoylquinic acid (neochlorogenic acid); cis 5-O-p-Coumaroylquinic acid; trans 5-O-p-Coumaroylquinic acid; cis 5-O-p-Feruloylquinic acid; trans 5-O-p-Feruloylquinic acid; Acacetin-rutinoside; Apigenin-7-O-glucoside; Apigenin-rutinoside; Caffeic acid-O-hexoside 1; Caffeic acid-O-hexoside 2; Caffeic acid-O-hexoside 3; Diosmetin-apiosylglucoside; Feruloyl-caffeoylquinic acid; Isorhamnetin-rutinoside; Luteolin-7-O-aposylglucoside; Luteolin-7-O-glucoside; Luteolin-7-rutinoside; Quercetin; Quercetin-3-O-glucoside; Quercetin-glucuronide; Sinapic acid-hexoside 1; Sinapic acid-hexoside 2 (45); 4-Hydroxyphenylacetyl glucoside derivative; Caffeic acid hexoside derivative; Dicaffeoylquinic acid; Diosmin (diosmetin-7-O-rutinoside) (7)</p>
<p>Brassicaceae</p> <p><b><i>Brassica oleracea var. capitata</i></b> L.</p> <p>White and red cabbage</p>	<p>Kaempferol-3-O-(2-E-caffeoyl)-diglucopyranoside-7-O-glucopyranoside; Kaempferol-3-O-(2-E-feruloyl)-diglucopyranoside-7-O-glucopyranoside; Kaempferol-3-O-(2-E-p-coumaroyl)-diglucopyranoside-7-O-glucopyranoside; Kaempferol-3-O-(2-E-sinapoyl)-diglucopyranoside-7-O-glucopyranoside; Kaempferol-3-O-diglucopyranoside-7-O-glucopyranoside; Quercetin-3-O-(2-E-caffeoyl)-diglucopyranoside-7-O-glucopyranoside; Quercetin-3-O-(2-E-feruloyl)-diglucopyranoside-7-O-glucopyranoside (46); Cyanidin-3-(caffeoyl-p-coumaroyl)-sophoroside-5-glucoside; Cyanidin-3-(feruloyl)-sophoroside-5-glucoside; Cyanidin-3-(feruloylferuloyl)-diglucoside-5-glucoside; Cyanidin-3-(feruloylferuloyl)-trisophoroside-5-glucoside; Cyanidin-3-(glucosylferuloyl)-sophoroside-5-glucoside; Cyanidin-3-(glucosylsinapoyl)-sophoroside-5-glucoside; Cyanidin-3-(p-coumaroyl)-sophoroside-5-glucoside; Cyanidin-3-(sinapoyl)-sophoroside-5-glucoside; Cyanidin-3-(sinapoylferuloyl)-</p>

	<p>diglucoside-5-glucoside; Cyanidin-3-(sinapoylsinapoyl)-diglucoside-5-glucoside; Cyanidin-3-(sinapoylsinapoyl)-trisophoroside-5-glucoside; Cyanidin-3-(sinapoylferuloyl)-trisophoroside-5-glucoside; Cyanidin-3-sophoroside-5-glucoside; Proanthocyanidin-3-glucoside (47); 1,2,2'-trisinapoylgentiobiose; 1,2-disinapoylgentiobiose; 1,2'-disinapoyl-2-feruloylgentiobiose; 1-sinapoyl-2-feruloylgentiobiose; 3-caffeoyl quinic acid; 3-p-coumaroyl quinic acid; 4-caffeoyl quinic acid; 4-feruloyl quinic acid; Kaempferol-3,7-di-O-glucoside; Kaempferol-3-O-diglucoside; Kaempferol-3-O-(caffeoyl)-sophroside; Kaempferol-3-O-(methoxycaffeoyl)-sophoroside; Kaempferol-3-O-(methoxycaffeoyl)-sophoroside-7-O-glucoside; Kaempferol-3-O-(p-coumaroyl)-sophroside; Kaempferol-3-O-sophoroside; Kaempferol-3-O-triglucoside-7-O-glucoside; Kaempferol-7-O-glucoside; Quercetin-3-O-(feruloyl)-sophroside; Quercetin-3-O-(sinapoyl)-sophoroside-7-O-glucoside; Quercetin-3-O-sophoroside; Sinapic acid; Sinapylglucoside (48); Acacetin; Benzoic acid; Caffeic acid; Catechin; Chlorogenic acid; Cinnamic acid; p-Coumaric acid; Coumarin; Ferulic acid; Gallic acid; Genistein; Kaempferol; Luteolin; Myricetin; Pyrogallol; Quercetin; Rutin; Vanillic acid (49); Cyanidin-3-(caffeoyl)-diglucoside-5-glucoside; Cyanidin-3-(feruloyl)-triglucosides-5-glucoside; Cyanidin-3-(feruloyl)(sinapoyl)-diglucoside-5-glucoside; Cyanidin-3-(feruloyl)(sinapoyl)-triglucoside-5-glucoside; Cyanidin-3-(sinapoyl)-triglucoside-5-glucoside (50); Cyanidin-3,5-diglucoside; Cyanidin-3-O-glucoside; Cyanidin-3-(feruloyl)-5-glucoside; Cyanidin-3-(sinapoyl)-glucoside-5-glucoside; Cyanidin-3-[2-glucosyl-6-rhamnosyl-glucoside]; Kaempferol-3-(disinapoyl)-sophoroside-7-glucoside; Kaempferol-3-(hydroxycoumaroyl)-sophoroside-7-glucoside; Kaempferol-3-(hydroxyferuloyl)-glucoside-7-glucoside; Kaempferol-3-(hydroxyferuloyl)-sophoroside-7-glucoside; Kaempferol-3-(hydroxysinapoyl)-sophoroside-7-glucoside (51); Kaempferol-malonyl-3-O-sophorotrioside; Naringenin chalcone; Protocatechuic aldehyde; Quercetin-3-O-glucoside; Quercetin-malonyl-3-O-sophorotrioside; Quercetin-O-rutinoside-hexose (52)</p>
<p>Brassicaceae <i>Brassica oleracea</i> var. <i>sabellica</i> L. Kale</p>	<p>Caffeic acid; p-Coumaric acid; Ferulic acid; Gallic acid; p-Hydroxybenzoic acid; Protocatechuic acid; Salicylic acid; Sinapic acid; Syringic acid; Vanillic acid (53); Caffeoylquinic acid; Diferuloyl-triglucoside; Disinapoyl-feruloyl-triglucoside; Hydroxycinnamic derivative; Kaempferol-3-diglucoside; Kaempferol-3-diglucoside-7-diglucoside; Kaempferol-3-diglucoside-7-glucoside; Kaempferol-3-glucoside-7-glucoside; Kaempferol-3-triglucoside-7-diglucoside; Kaempferol-3-disinapoyl-triglucoside-7-diglucoside; Kaempferol-3-disinapoyl-triglucoside-7-glucoside; Quercetin-3-caffeoyl-diglucoside-7-glucoside; Quercetin-3-diglucoside; Quercetin-3-diglucoside-7-diglucoside; Quercetin-3-diglucoside-7-glucoside; Quercetin-3-disinapoyl-triglucoside-7-diglucoside; Quercetin-3-disinapoyl-triglucoside-7-glucoside; Quercetin-3-feruloyl-diglucoside-7-diglucoside; Quercetin-3-feruloyl-diglucoside-7-glucoside; Quercetin-3-hydroxyferuloyl-diglucoside-7-diglucoside; Quercetin-3-hydroxyferuloyl-diglucoside-7-glucoside; Quercetin-3-sinapoyl-diglucoside; Quercetin-3-sinapoyl-diglucoside-7-diglucoside; Quercetin-3-sinapoyl-triglucoside-7-diglucoside; Quercetin-3-triglucoside-7-diglucoside (54); Benzoyl-sinapoyl-triglucoside; Cyanidin 3-sinapoyl-caffeoyl-diglucoside-5-glucoside; Cyanidin-3-sinapoyl-diglucoside-5-glucoside; Cyanidin-3-sinapoyl-feruloyl-diglucoside-5-diglucoside; Cyanidin-3-sinapoyl-feruloyl-diglucoside-5-glucoside; Cyanidin-3-sinapoyl-p-coumaroyl-diglucoside-5-glucoside; Cyanidin-3-triglucoside-5-glucoside; Diprotocatechuic acid-diglucoside; Disinapoyl-</p>

	<p>diglucoside; Disinapoyl-feruloyl-diglucoside; Feruloyl-triglucoside; Kaempferol-3-feruloyl-diglucoside-7-diglucoside; Kaempferol-3-feruloyl-triglucoside-7-diglucoside; Kaempferol-3-sinapoyl-diglucoside-7-diglucoside; Kaempferol-3-sinapoyl-triglucoside-7-diglucoside (55); Kaempferol-3-O-(caffeoyl)-sophoroside; Kaempferol-3-O-(caffeoyl)-sophoroside-7-O-glucoside; Kaempferol-3-O-(feruloyl)-sophoroside-7-O-glucoside; Kaempferol-3-O-(methoxycaffeoyl)-sophoroside; Kaempferol-3-O-(methoxycaffeoyl)-sophoroside-7-O-glucoside; Kaempferol-3-O-(p-coumaroyl)-sophoroside; Kaempferol-3-O-(p-coumaroyl)-sophoroside-7-O-glucoside; Kaempferol-3-O-(sinapoyl)-sophoroside; Kaempferol-3-O-(sinapoyl)-sophoroside-7-O-glucoside; Kaempferol-3-O-sophoroside; Kaempferol-3-O-triglucoside-7-O-glucoside; Quercetin-3-O-(feruloyl)-sophoroside; Quercetin-3-O-sophoroside (48); Cyanidin 3-(caffeoyl)(p-coumaroyl)diglucoside-5-glucoside; Cyanidin 3-(p-coumaroyl)diglucoside-5-glucoside; Cyanidin 3-diglucoside-5-glucoside; Cyanidin 3-(sinapoyl)glucoside-5-glucoside (56)</p>
<p>Brassicaceae <i>Brassica rapa var. chinensis</i> L. Bok choy (cabbage) / Pak choi</p>	<p>Isorhamnetin-3,7-diglucoside; Isorhamnetin-3-glucoside; Kaempferol-3-coumaroyl-sophoroside; Kaempferol-3-coumaroyl-sophoroside-7-glucoside; Kaempferol-3-caffeoyl-sophoroside; Kaempferol-3-caffeoyl-sophoroside-7-glucoside; Kaempferol-3-feruloyl-sophoroside; Kaempferol-3-feruloyl-sophoroside-7-glucoside; Kaempferol-3-glucoside; Kaempferol-3-methoxycaffeoyl-sophoroside; Kaempferol-3-methoxycaffeoyl-sophoroside-7-glucoside; Kaempferol-3-permethoxycinnamoyl-sophoroside; Kaempferol-3-sinapoyl-sophoroside; Kaempferol-3-sinapoyl-sophoroside-7-glucoside; Kaempferol-3-sophoroside; Kaempferol-3-sophoroside-7-glucoside; Quercetin-3,7-diglucoside; Quercetin-3-caffeoyl-sophoroside-7-glucoside; Quercetin-3-sophoroside; Quercetin-3-sophoroside-7-glucoside (57); Caffeic acid; Caffeoylglycoside; Caffeoylmalate; Coumaroylmalate; Coumaroylquinic acid (isomer 1); Coumaroylquinic acid (isomer 2); Disinapoyldiglycoside; Disinapoylferuloyldiglycoside; Feruloylglycoside; Feruloylmalate; Feruloylquinic acid; Hydroxyferulic acid; Hydroxyferuloylmalate; Kaempferol-3-O-hydroxyferuloyldiglucoside-7-O-glucoside; Monocaffeoylquinic acid (isomer 1); Monocaffeoylquinic acid (isomer 2); Sinapic acid; Sinapoylglycoside; Sinapoylferuloyldiglycoside; Sinapoylmalate; Trisinapoyldiglycoside (58); cis-Ferulic acid; trans-Ferulic acid; p-Hydroxybenzaldehyde; Vanillin; Vanillic acid (59); Chlorogenic acid; trans-Cinnamic acid; Cyanidin 3,5-diglucoside; Cyanidin 3-(feruloyl)diglucoside-5-glucoside; Cyanidin 3-(feruloyl)sinapoyl)diglucoside-5-(malonyl)glucoside; Cyanidin 3-(hydroxyferuloyl)diglucoside-5-(malonyl)glucoside; Cyanidin 3-caffeoyl(sinapoyl)rutinoside-5-glucoside; Cyanidin 3-(malonyl)glucoside(p-hydroxybenzoyl)arabinoside-5-(malonyl)glucoside; Cyanidin 3-malonyl(glucoside)-p-hydroxybenzoyl(feruloyl)glucoside-5-(malonyl)glucoside; Cyanidin 3-malonyl(glucoside)-p-hydroxybenzoyl(p-coumaroyl)arabinoside-5-(malonyl)glucoside; Cyanidin 3-dihydroxysinapoyl(malonyl)glucoside-5-(malonyl)glucoside; Cyanidin 3-hydroxysinapoyl(malonyl)glucoside-5-(malonyl)glucoside; Cyanidin 3-sinapoyl(glucoside)diglucoside-5-(malonyl)glucoside; Cyanidin 3-(sinapoyl)diglucoside-5-(malonyl)glucoside; Cyanidin 3-(sinapoyl)diglucoside-5-glucoside; Epicatechin; Kaempferol; Petunidin 3,5-diglucoside; Quercetin; Rutin (60); Cyanidin 3-diglucoside-5-glucoside; Cyanidin 3-(caffeoyl)(p-coumaroyl)diglucoside-5-glucoside; Cyanidin 3-(feruloyl)(sinapoyl)diglucoside-5-glucoside; Cyanidin 3-(glycopyranosyl-</p>

	<p>sinapoyl)diglucoside-5-glucoside; Cyanidin 3-(p-coumaroyl)(sinapoyl)diglucoside-5-glucoside; Cyanidin 3-(p-coumaroyl)(sinapoyl)triglucoside-5-glucoside; Cyanidin 3-(sinapoyl)diglucoside-5-glucoside; Cyanidin 3-(sinapoyl)(sinapoyl)diglucoside-5-glucoside (61); Cyanidin-3-O-(6''-O-p-coumaroyl) sophoroside-7-O-glucoside; Genistein-7-O-galactoside; Kaempferol-3-O-sophorotrioside-7-O-glucoside; Luteolin-6-C-glucoside-7-O-glucoside; Luteolin-6,8-di-C-glucoside; Naringenin-7-O-glucoside (Prunin) (62); Cyanidin-3-(6-caffeoyl)-glucoside; Cyanidin-3-O-galactoside; Cyanidin-3-O-sambubioside; Cyanidin-3-O-sambubioside-5-O-glucoside; Cyanidin-3-O-sophoroside; Cyanidin-3-O-xyloside; Delphinidin-3-O-galactoside; Delphinidin-3-O-glucoside; Delphinidin-3-O-sophoroside; Malvidin-3-O-(6-O-malonyl-beta-D-glucoside); Naringenin-7-O-glucoside; Pelargonidin-3,5-O-diglucoside; Pelargonidin-3,5,3'-O-triglucoside; Peonidin-3,5-O-diglucoside; Peonidin-3,5,3'-O-triglucoside; Peonidin-3-O-glucoside; Petunidin-3-O-galactoside; Petunidin-3-O-glucoside; Petunidin-3-O-sambubioside; Petunidin-3-O-(6-O-malonyl-beta-D-glucoside)(63)</p>
<p>Brassicaceae <b><i>Brassica rapa var. pekinensis</i></b> L. Chinese cabbage / Pe-tsaï</p>	<p>Caffeic acid; Catechin; Chlorogenic acid; t-cinnamic acid; m-Coumaric acid; p-Coumaric acid; Ferulic acid; Formononetin; Gallic acid; Gentisic acid; Hesperidin; p-hydroxy-benzoic acid; Hydroxy-cinnamic acid; Kaempferol; Myricetin; Naringenin; Naringin; Protocatechuic acid; Quercetin; Rutin; Syringic acid; Vanillin (64); Cyanidin 3-caffeoylsophoroside-5-succinoylglucoside; Cyanidin 3-caffeoylsophoroside-5-succinoylglucoside; Cyanidin 3-feruloylhydroxyferuloylsophoroside-5-succinoylglucoside; Cyanidin 3-feruloylsinapoylsophoroside-5-malonylglucoside; Cyanidin 3-feruloylsophoroside-5-glucoside; Cyanidin 3-feruloylsophoroside-5-malonylglucoside; Cyanidin 3-p-coumaroylsophoroside-5-malonylglucoside; Cyanidin 3-O-(6''-malonyl-glucoside); Cyanidin 3-O-arabinoside; Cyanidin 3-O-rutinoside; Cyanidin 3-O-xyloside; Cyanidin 3-sophoroside-5-glucoside; Cyanidin 3-sophoroside-5-malonylglucoside; Pelargonidin 3,5-diglucoside; Pelargonidin 3-O-galactoside; Pelargonidin 3-O-glucoside; Pelargonidin 3-O-rutinoside; Pelargonidin 3-O-rutinoside betaine; Pelargonidin 3-O-sophoroside; Petunidin 3,5-O-diglucoside; Petunidin 3-gentiobioside; Petunidin 3-gentiotrioside; Petunidin 3-O-rutinoside; Petunidin-3-O-rutinoside-(caffeoyl)-5-O-glucoside; Sinapic acid (65)</p>
<p>Brassicaceae <b><i>Diplotaxis tenuifolia</i></b> (L.) DC. Wild rocket</p>	<p>Isorhamnetin 3,4'-diglucoside; Kaempferol 3,4'-diglucoside; Quercetin 3-(2-Cafeoyl-Glucose)-3'-(6-Sinapoyl-Glucoside)-4'-Glucoside; Quercetin 3-(2-Feruloyl-Glucose)-3'-(6-Feruloyl-Glucoside)-4'-Glucoside; Quercetin 3-(2-Methylcaffeoyl-Glucose)-3'-(6-Sinapoyl-Glucoside)-4'-Glucoside; Quercetin 3-(2-Sinapoyl-Glucoside)-3'-(6-Sinapoyl-Glucoside)-4'-Glucoside; Quercetin 3,3',4-triglucoside; Quercetin 3,4'-diglucoside-3'-(6-Caffeoyl-Glucoside); Quercetin 3,4'-diglucoside-3'-(6-Feruloyl-Glucoside); Quercetin 3,4'-diglucoside-3'-(6-Methylcaffeoyl-Glucoside); Quercetin 3,4'-diglucoside-3'-(6-p-Coumaroyl-Glucoside) (66); Isorhamnetin-3-glucoside; Kaempferol-3-diglucoside-7-glucoside; Kaempferol-3-glucoside; Kaempferol-3-(2sinapoyl' glucoside)-4 glucoside; Quercetin-3-glucoside (67); Chlorogenic acid; Cyanidin; Luteolin; Rutin; Tamarixetin (42)</p>
	<p>Quercetin 3,3',4'-tri-O-β-d-glucopyranoside; Quercetin 3-(2-sinapoyl-O-β-d-glucopyranosyl)-3'-(6-sinapoyl-O-β-d-glucopyranosyl)-4'-O-β-d-</p>

<p>Brassicaceae</p> <p><b><i>Eruca sativa</i></b> Mill.</p> <p>Rocket salad</p>	<p>glucopyranoside; Quercetin 3'-(6-sinapoyl-O-β-d-glucopyranosyl)-3,4'-di-O-β-d-glucopyranoside (68); Kaempferol di-O-glycoside; Kaempferol tri-O-glycoside; Quercetin di-O-glycoside; Quercetin tri-O-glycoside (69); Kaempferol 3,4'-O-diglucopyranoside; Kaempferol 3-O-(2''-O-malonyl-β-D-glucopyranoside)-4'-O-β-D-glucopyranoside; Kaempferol 3-O-glucopyranoside; Kaempferol 4'-O-glucopyranoside (70); Coumaric acid; Ferulic acid; Myricetin; Quercetin; Rutin (71); Catechol; Resorcinol; Vanillin (72); Isorhamnetin-3,4'-diglucoside; Isorhamnetin-3-glucoside; Kaempferol-3-(2-sinapoyl-glucoside)-4'-glucoside; Kaempferol-3,4'-diglucoside; Kaempferol-3-diglucoside-7-glucoside; Kaempferol-3-glucoside; Quercetin-3,4'-diglucoside-3'-(6-caffeoyl-glucoside); Quercetin-3-glucoside (67); Kaempferol 3-sinapoyl-triglucoside-7-glucoside (73); 3,4',5,6,8-Pentamethoxyflavone; 4-(3-Hydroxy-7-phenyl-6-heptenyl)-1,2-benzenediol; Afzelechin; Artomunoxanthentrione epoxide; Fraxidin; Kaempferol 3-O-β-d-galactoside; Sciadopitysin (74); Apigenin glucoside; Gentisic acid glucoside; Gingerol; Isorhamnetin-3,4'-diglucoside; Quercetin-3-(2-feruloyl-glucoside)-3'-(6-sinapoyl-glucoside)-4'-glucoside; Sinapic acid glucoside(75)</p>
<p>Brassicaceae</p> <p><b><i>Nasturtium officinale</i></b> W.T.Aiton</p> <p>Watercress</p>	<p>Apigenin; Caffeoylmalic acid; Caftaric acid; p-Coumaric acid; Ferulic acid derivative; Gallic acid derivative; p-Hydroxybenzoic acid; Kaempferol-3-(caffeoyldiglucoside)-7-rhamnoside; Quercetin-3-(caffeoyldiglucoside)-7-glucoside; Proanthocyanidin B1; Sinapic acid (76); 2'-Hydroxy-5-methoxygenistein-4',7-O-diglucoside; 2'-Hydroxy-5-methoxygenistein-O-rhamnosyl-glucoside; 3,5,6,7,8,3',4'-Heptamethoxyflavone; 4',5,7-Trihydroxy-3',6-dimethoxyflavone (Jaceosidin); 6-C-Methyl kaempferol-3-glucoside; 6-C-Methylquercetin-3-O-rutinoside; 6-Hydroxykaempferol-3,6-O-diglucoside; 6-Hydroxykaempferol-3,7,6-O-triglucoside; 6-Hydroxykaempferol-7,6-O-diglucoside; 6-Methoxykaempferol-3-O-glucoside; 8-Methoxykaempferol-7-O-rhamnoside; Apigenin-6-C-(2''-glucosyl) arabinoside; Apigenin-6-C-(2''-xylosyl) glucoside; Apigenin-6-C-glucoside-7-O-(6''-sinapoyl) glucoside; Apigenin-7-O-glucuronide; Apigenin-8-C-glucoside-7-O-sophoroside; Chrysoeriol-7-O-glucoside; Chrysoeriol-7-O-(6''-malonyl) glucoside; Cyanidin-3-O-glucoside (Kuromanin); Cyanidin-3-O-(2''-O-glucosyl) glucoside; Cyanidin-3-O-(6''-O-feruloyl) sophoroside-5-O-glucoside; Cyanidin-3-O-(6''-O-sinapoyl) sophoroside-5-O-glucoside; Cyanidin-3-O-sophoroside-5-O-glucoside; Delphinidin-3,5,3'-tri-O-glucoside; Delphinidin-3-O-glucoside (Mirtillin); Dihydroflavone; Dihydroquercetin (Taxifolin); Hesperetin-5-O-glucoside; Isorhamnetin (3,5,7,4'-tetrahydroxyflavone); Isorhamnetin-3,7-O-diglucoside; Isorhamnetin-3-O-(6''-acetyl) glucoside; Isorhamnetin-3-O-(6''-malonyl) glucoside; Isorhamnetin-3-O-(6''-malonylglucoside)-7-O-glucoside; Isorhamnetin-7-O-glucoside; Isohyperoside; Isosaponarin (Isovitexin-4'-O-glucoside); Kaempferide (3,5,7-trihydroxy-4'-methoxyflavone); Kaempferol (3,5,7,4'-tetrahydroxyflavone); Kaempferol-3-O-(2''-acetyl) glucoside; Kaempferol-3-O-(2''-galloyl) glucoside; Kaempferol-3-O-(6''-acetyl) glucoside; Kaempferol-3-O-(6''-malonyl) galactoside; Kaempferol-3-O-(6''-malonyl) glucoside; Kaempferol-3-O-(6''-p-coumaroyl) glucoside (Tiliroside); Kaempferol-3-O-(2''-caffeoyl) glucosyl-(1→2)-(6''-malonyl) glucoside; Kaempferol-3-O-(2''-sinapoyl) glucosyl-(1→2)-(6''-acetyl) glucoside; Kaempferol-3-O-(2''-sinapoyl) glucosyl-(1→2)-(6''-malonyl) glucoside; Kaempferol-3-O-(2''-feruloyl) glucosyl-(1→2)-(6''-malonyl) glucoside; Kaempferol-3-O-(6'''-malonyl) sophorotrioside; Kaempferol-3-O-(6'''-p-coumaroyl) glucosyl-(1→2)-glucoside-7-O-rhamnoside; Kaempferol-3-O-(6'''-p-coumaroyl) sophoroside-7-O-glucoside; Kaempferol-3-O-(2'''-p-coumaroyl) sophoroside-7-O-glucoside;</p>



Kaempferol-3-O-(2''-caffeoyl) glucosyl-(1→2)-galactoside; Kaempferol-3-O-(6''-Feruloyl) glucosyl-(1→4)-galactoside; Kaempferol-3-O-(6''-Sinapyl) glucosyl-(1→2)-galactoside; Kaempferol-3-O-(6''-p-Coumaroyl) glucosyl-(1→2)-galactoside; Kaempferol-3-O-(2''-sinapoyl) glucosyl-(1→2)-(6''-acetyl) glucoside; Kaempferol-3-O-(2''-sinapoyl) glucosyl-(1→2)-(6''-malonyl) glucoside; Kaempferol-3-O-neohesperidoside; Kaempferol-3-O-sophorotrioside; Kaempferol-3-O-(6''-malonyl) glucoside-7-O-glucoside; Kaempferol-3-O-robinoside-7-O-rhamnoside (Robinin); Kaempferol-3-O-neohesperidoside-7-O-glucoside; Kaempferol-3-O-rutinoside (Nicotiflorin); Kaempferol-3-O-rutinoside-7-O-glucoside; Kaempferol-3-O-sophoroside-7-O-(2''-Feruloyl) glucoside; Kaempferol-3-O-sophoroside-7-O-(2''-Feruloyl) glucoside; Kaempferol-3-O-sophoroside-7-O-(2''-sinapoyl) glucoside; Kaempferol-3-O-(6'''-Caffeoyl) glucosyl-(1→2)-galactoside; Kaempferol-3-O-(6'''-p-Coumaroyl) glucosyl-(1→2)-glucoside-7-O-rhamnoside; Kaempferol-3-O-neohesperidoside-7-O-(2''-feruloyl) glucoside; Luteolin-6-C-glucoside-7-O-(6''-feruloyl) glucoside; Luteolin-6-C-glucoside-7-O-(6''-p-coumaroyl) glucoside; Luteolin-7-O-gentiobioside; Luteolin-7-O-glucoside (Cynaroside); Luteolin-7-O-neohesperidoside (Lonicerin); Luteolin-7-O-neohesperidoside; Luteolin-7-O-rutinoside; Luteolin-8-C-glucoside-7-O-glucoside; Naringenin-4'-O-glucoside; Naringenin-7-O-Neohesperidoside (Naringin); Naringenin-7-O-(6''-malonyl) glucoside; Nobiletin (5,6,7,8,3',4'-Hexamethoxyflavone); Quercetin-3-O- $\alpha$ -L-arabinofuranoside (Avicularin); Quercetin-3-O-galactoside (Hyperin); Quercetin-3-O-galactoside (Hyperoside); Quercetin-3-O-glucoside (Isoquercitrin); Quercetin-3-O-(2''-acetyl) glucuronide; Quercetin-3-O-(6''-acetyl) galactoside; Quercetin-3-O-(6''-acetyl) glucoside; Quercetin-3-O-(6''-malonyl) galactoside; Quercetin-3-O-(6''-malonyl) glucoside; Quercetin-3-O-(6''-sinapoyl) glucoside-7-O-(6''-malonyl) glucoside; Quercetin-3-O-(6''-sinapoyl) glucoside-7-O-rutinoside; Quercetin-3-O-(6''-feruloyl) glucoside-7-O-rutinoside; Quercetin-3-O-(6''-Caffeoyl) sophoroside-7-O-rhamnoside; Quercetin-3-O-(2'''-Caffeoyl) sophoroside; Quercetin-3-O-[2''-O-(6'''-sinapoyl) glucosyl] glucoside; Quercetin-3-O-(2''-Caffeoyl) glucoside-(1→2)-(6''-Malonyl) glucoside; Quercetin-3-O-(4''-O-glucosyl) rhamnoside; Quercetin-3-O-(2''-O-rhamnosyl) galactoside; Quercetin-3-O-(2''-O-arabinosyl) rutinoside; Quercetin-3-O-apiosyl (1→2) galactoside; Quercetin-3-O-gentiotetroside; Quercetin-3-O-neohesperidoside; Quercetin-3-O-rutinoside (Rutin); Quercetin-3-O-xylosyl (1→2) glucosyl (1→2) glucoside; Quercetin-3-O-xyloside (Reynoutrin); Quercetin-3-O-robinobioside; Quercetin-3-O-sambubioside; Quercetin-3-O-sophoroside (Baimaside); Quercetin-7-O-glucoside; Quercetin-7-O-(2''-malonyl) glucosyl-5-O-glucoside; Rhamnetin; Tamarixetin-3-O-rutinoside; Tricin (5,7,4'-Trihydroxy-3',5'-dimethoxyflavone); Tricin-4'-methylether-3'-O-glucoside; Trifolin (62)

Table S2. Phenolic compounds identified in 10 Underutilized Leaf Vegetables

<p>Amaranthaceae</p> <p><b><i>Amaranthus spinosus</i></b> L.</p> <p>Spiny amaranth</p>	<p>Caffeoylquinic acid; Coumaroylquinic acid; Feruloylquinic acid; Kaempferol diglycoside; Quercetin 3-O-glucoside; Quercetin diglycoside; Rutin (77) ; Caffeic acid; Catechin; Cinnamic acid; Epicatechin; Ferulic acid; Gallic acid; Kaempferol; Luteolin; Quercetin; Vanillic acid (78); Apigenin; Chlorogenic acid; p-coumaric acid; Ellagic acid; Gentisic acid; p-hydroxybenzoic acid; Myricetin; Naringenin; Naringin; Protocatechuic acid; Salicylic acid; Sinapic acid; Syringic acid (79)</p>
<p>Amaranthaceae</p> <p><b><i>Chenopodium album</i></b> L.</p> <p>Goosefoot / Bathua</p>	<p>4-hydroxy-3-methoxybenzoic acid (Vanillic acid); 4-hydroxy-cinnamic acid; 4-(hydroxymethyl)-2-methoxyphenol; 4-(1-hydroxyethyl)-2-methoxyphenol; 4-methylbenzaldehyde; Cinnamic acid; Ferulic acid; Lariciresinol; Methyl ferulate; Pinoresinol; Sinapic acid; Syringaresinol; Threo-guaiacylglycerol-<math>\alpha</math>-O-methyl-<math>\beta</math>-O-4-syringaresinol ether; Threo-guaiacylglycerol <math>\beta</math>-O-4-syringaresinol ether; Threo-syringylglycerol-<math>\alpha</math>-O-methyl-<math>\beta</math>-O-4-syringaresinol ether; Vanillyl alcohol (80); Caffeic acid; m-Coumaric acid; Vanillin; Syringic acid (81)</p>
<p>Asteraceae</p> <p><b><i>Gymnanthemum amygdalinum</i></b> (Delile) Sch.Bip.</p> <p>Bitter leaf / Ndole</p>	<p>Luteolin; Luteolin 7-O-B-glucoside; Luteolin 7-O-B-glucuronide (82); 1,5-Dicaffeoylquinic Acid; Apigenin 6-O glucuronide; Apigenin 7-O-glucuronide; Caffeoyl quinic acid; Chlorogenic acid; Flavonoid + caffeoyl deriv.; Luteolin 4'-O-rutinoside; Luteolin 7-O-rutinoside; Rutin (83); 1,3-dicaffeoylquinic acid; 1,3,5-tricaffeoylquinic acid; 1,4-dicaffeoylquinic acid; 1,4,5-tricaffeoylquinic acid; 3,4,5-tricaffeoylquinic acid; 3,4-Dicaffeoylquinic acid (isochlorogenic acid B); 3,5-Dicaffeoylquinic acid (isochlorogenic acid A); 4,5-Dicaffeoylquinic acid (isochlorogenic acid C); Feruloyldicaffeoylquinic acid (84); (-)Epicatechin; Quercetin (85); Apigenin; Apigenin-7-O-glucoside; Apigenin-7-O-rutinoside; Luteolin-4'-O-glucoside (86); Luteolin dihexoside; Luteolin hexoside (87)</p>
<p>Convolvulaceae</p> <p><b><i>Ipomea batatas</i></b> L.</p> <p>Sweet potatoes</p>	<p>3,4-di-O-caffeoylquinic; 3,4,5-tri-O-caffeoyl quinic acid; 3,5-di-O-caffeoylquinic acid; 4,5-di-O-caffeoylquinic acid; Caffeic acid; Chlorogenic acid (88); Caffeoylated (cyanidin 3-sophoroside-5-glucoside); Caffeoylated (peonidin 3-sophoroside-5-glucoside); Cyanidin 3-(6,6'-caffeoyl-p-hydroxybenzoylsophoroside)-5-glucoside; Cyanidin 3-(6,6'-caffeoylferuloylsophoroside)-5-glucoside; Cyanidin 3-(6,6'-dicaffeoylsophoroside)-5-glucoside; Cyanidin 3-(6-caffeoylsophoroside)-5-glucoside; Feruloylated (cyanidin 3-sophoroside-5-glucoside); Peonidin 3-(6,6'-caffeoyl-p-hydroxybenzoylsophoroside)-5-glucoside; Peonidin 3-(6,6'-caffeoylferuloylsophoroside)-5-glucoside; Peonidin 3-(6,6'-dicaffeoylsophoroside)-5-glucoside; Peonidin 3-sophoroside-5-glucoside; Cyanidin 3-sophoroside-5-glucoside (89); 4,5-feruloylcourmaoylquinic acid; 7,3'-dimethylquercetin; 7-hydroxy-5-methoxycoumarin; Indole-3-carboxaldehyde; cis-N-feruloyltyramine; trans-N-feruloyltyramine; trans-N-(p-coumaroyl) tyramine; Quercetin-3-O-glucopyranosidase; Rhamnetin (90); 1-Caffeoylquinic acid; 3,4,5-Tricaffeoylquinic acid; 7-hydroxycoumarin; Astragaln; Chrysin; Cryptochlorogenic acid; Diosmetin; Esculin; Ethyl caffeate; Hyperoside; Isochlorogenic acid A; Isochlorogenic acid B; Isochlorogenic acid C; Isoquercitrin; Jaceosidin; Kaempferol; Neochlorogenic acid; Pectolarigenin; Protocatechualdehyde; Quercetin; Rutin (91)</p>
<p>Cucurbitaceae</p> <p><b><i>Cucurbita moschata</i></b> Duchesne</p> <p>Pumpkin</p>	<p>Caffeic acid; Cinnamic acid; p-Coumaric acid; Ferulic acid; Gentisic acid; p-Hydroxybenzoic acid; Protocatechuic acid (92); 1-O-Caffeoylglucose; 1-O-p-Coumaroyl-beta-D-glucose; 2-(E)-O-feruloyl-D-galactaric acid; 2-(E)-O-feruloyl-D-galactaric acid isomer; 2-O-Caffeoylhydroxycitric acid; 2-O-caffeoylglucaric acid; 2-caffeoylisocitric acid; 7-Methylquercetin-3-Galactoside-6"-Rhamnoside-3"-Rhamnoside; Coumaroyl glucaric acid; Diphenol glucuronide; Feruloyl isocitrate; Genistin; Gentisic acid 5-O-glucoside; Isoorientin 2"-O-rhamnoside; Isorhamnetin-3-Galactoside-6"-Rhamnoside; Isorhamnetin-3-O-rutinoside; Kaempferol 7-neohesperidoside; Luteolin 7-neohesperidoside; Pectolarigenin 7-(6"-</p>

	<p>methylglucuronide); Pseudolaroside A; Quercetin 3-galactoside 7-rhamnoside; Quercitrin; Rutin (93); Ellagic acid; Gallic acid; Syringic acid; Vanillic acid (94)</p>
<p>Euphorbiaceae</p> <p><b><i>Manihot esculenta</i></b> Crantz</p> <p>Manioc / Cassava / Yuca</p>	<p>Kaempferol 3-O-rutinoside; Kaempferol triglycoside; Quercetin triglycoside (95); Clovin; Hyperoside; Myricetin-3-O-Rutinoside; Nicotiflorin; Narcissin; Robinin (96); Benzoic acid; Gallic acid; Genistic acid; Hydroxybenzoic acid; Protocatechuic acid; Salicylic acid; Syringic acid; Vanillic acid (97); Quinones (98); Catechin; Rutin; Quercetin; Resveratrol; Tannic acid (99); Apigenin; Kaempferol (100)</p>
<p>Lamiaceae</p> <p><b><i>Ocimum gratissimum</i></b> L.</p> <p>African basil / Wild basil</p>	<p>Apigenin 7-O-glucoside; Apigenin 7-O-malonylglucoside; Cirsimaritin; Isothymusin; Isovitene; Kaempferol 3-O-neohesperidoside; Kaempferol 3-O-rutinoside; Luteolin 5-O-glucoside; Luteolin 7-O-glucoside; Quercetin 3-O-glucoside; Rosmarinic acid; Rutin; Vitexin (101); Apigenin; Apigenin 7,4,'-dimethyl ether; Hymenoxin; Luteolin; Methyl eugenol; Nepetoidin A; Nevadensin; Salvigenin; Sinapic acid (102); Epicatechin; Quercitrin (103); Caffeic acid; Catechin; Chlorogenic acid; p-Coumaric acid; Ellagic acid; Ferulic acid; Gallic acid; Gentsic acid; p-hydroxybenzoic acid; Kaempferol; Myricetin; Naringenin; Naringin; Protocatechuic acid; Quercetin; Salicylic acid; Syringic acid; Vanillic acid (104)</p>
<p>Malvaceae</p> <p><b><i>Corchorus olitorius</i></b> L.</p> <p>Jute mallow / Nalita jute</p>	<p>Quercetin 3-(6-malonylgalactoside) (105); Catechin (106); 1,3-di-O-caffeoylquinic acid; 3,4-di-O-caffeoylquinic acid; 4,5-di-O-caffeoylquinic acid; 4-O-caffeoylquinic acid (cryptochlorogenic acid); Apigenin; Apigenin-7-O-glucoside; Caffeic acid; Cirsiliol; p-coumaric acid; trans-Ferulic acid; Gallic acid; Kaempferol; Luteolin; Naringenin; Naringin; Protocatechuic acid; Quercetin; Quercetrin (quercetin-3-O rhamnoside); Quinic acid; Rosmarinic acid (107); Cinnamic acid; Ellagic acid; Iso-ferulic acid; Myricetin (108); 3,5-Dicaffeoylquinic acid (isochlorogenic acid A); Astragaln; Quercetin 3-(6-malonylglucoside); Neochlorogenic acid (109); Cynarin; Fisetin; Biochanin A; Diosgenin; Quercimeritrin (Quercetin-7-glucoside); Hyperoside (Quercetin-3-galactoside); Isoquercitrin (Quercetin-3-glucoside); Kaempferol-3-glucoside; 4-Hydroxybenzoic acid; 4-Hydroxybenzaldehyde; Chlorogenic acid (110)</p>
<p>Moringaceae</p> <p><b><i>Moringa oleifera</i></b> Lam.</p> <p>Moringa / Drumstick tree / Horseradish tree</p>	<p>3-O-2",3"-diacetylglucoside; Benzoic acid 4-O-a-rhamnosyl-(1→2)-b-glucoside; Benzoic acid 4-O-b-glucoside; Benzaldehyde 4-O-b-glucoside; Kaempferide; Kaempferide 3-O-(2"-O-galloylrhamnoside; Kaempferide 3-O-(2"-O-galloylrutinoside)-7-O-a-rhamnoside; Kaempferol-3-O-[B-glucosyl-(1→2)]-[a-rhamnosyl-(1→6)-O-B-glucoside-7-O-a-rhamnoside; Kaempferol-3-O-[a-rhamnosyl-(1→2)]-[a-rhamnosyl-(1→4)-O-b-glucoside-7-O-a-rhamnoside(111); 3-Caffeoylquinic acid (chlorogenic acid); 5-Caffeoylquinic acid (neochlorogenic acid); Isorhamnetin; Isorhamnetin 3-O-(X"-malonylglucoside); Kaempferol 3-O-glucoside; Kaempferol 3-O-(6"-malonylglucoside); Kaempferol 3-O-(X"-acetylglucoside); Kaempferol 3-O-(X"-malonylglucoside); Kaempferol 3-O-rutinoside; Mixture: quercetin 3-O-(X"-malonylglucoside) and isorhamnetin 3-O-glucoside; Quercetin 3-O-glucoside; Quercetin 3-O-(6"-malonylglucoside); Quercetin 3-O-(X"-acetylglucoside); Quercetin 3-O-rutinoside; Quercetin 3-O-(Y"-malonylglucoside) (112); Ferulic acid; Vanillin (113); Astragaln; Cryptochlorogenic acid (114); Apigenin C-dihexose; Isorhamnetin acetyl hexose; Isorhamnetin hexose; Isorhamnetin hydroxy-methylglutarate; Kaempferol acetyl dihexose; Kaempferol acetyl hexose (vicenin-2); Kaempferol hexose; Kaempferol hydroxy-methyl hexose; Kaempferol malonyl hexose; Quercetin acetyl dihexose; Quercetin acetyl hexose; Quercetin hexose; Quercetin hydroxymethylglutaryl hexose; Quercetin malonyl hexose (115); Biflavonyl; Kayaflavone (116); Biochanin A; o-Coumaric acid; Myricetin; Naringenin; Naringin (117); Caffeic acid; Catechin; Ellagic acid; Epicatechin; Gallic acid; Isoquercitrin; Kaempferol; Quercetin; Quercitrin; Rutin (118); 3-OH-tyrosol; Biochanin A; Catechol; Cinnamic acid; α-Coumaric acid; p-Coumaric acid; Ethyl vanillin; Iso-ferulic acid; Protocatechuic acid; Pyrogallol; Resveratrol; Salicylic acid; Vanillic acid (119)</p>

<p>Urticaceae</p> <p><b><i>Urtica dioica</i></b> L.</p> <p>Nettle</p>	<p>Apigenin; Apigenin hexoside; Caffeic acid; Catechin; Cinnamic acid; p-Coumaric acid; Epicatechin; Epicatechin gallate; Epigallocatechin gallate; Esculetin; Ferulic acid; Gallic acid; Genistein; Gentisic acid; p-Hydroxybenzoic acid; Isorhamnetin; Isorhamnetin rutinoside; Kaempferol; Kaempferol hexoside; Kaempferol pentoside; Kaempferol pentosylhexoside; Kaempferol rhamnoside; Kaempferol-3-rutinoside; Luteolin; Myricetin; Naringenin; Protocatechuic acid; Quercetin; Quercetin-3-glucoside; Quercetin-3-rutinoside; Quercetin acetylhexoside; Quercetin acetylrutinoside; Quercetin pentoside; Quercetin pentosylhexoside; Quercetin rhamnoside; Quinic acid; Scopoletin; Sinapic acid; Syringic acid; Umbelliferone (7-hydroxycoumarin) (120); 2-Caffeoylisocitric acid; 2-Caffeoylisocitric acid cyclodimer; 7'-Hydroxylariciresinol-7'-O-hexoside; Apigenin 2''-O-deoxyhexosil-6''-(3-hydroxy-3-methylglutaroyl)-6-C-hexoside; Apigenin 6,8-diC-hexoside; Apigenin O-deoxyhexosil-C-hexoside; Caffeoyl-methylisocitric acid; p-Coumaric acid hexoside; p-Coumaroylisocitric acid; Diosmetin O-deoxyhexosil-C-hexoside; Dihydroxybenzoic acid hexoside 1; Dihydroxybenzoic acid hexoside 2; Esculin; Luteolin 6-C-hexoside; Luteolin O-deoxyhexosil-C-hexoside; Luteolin 2''-O-deoxyhexosil-6''-(3-hydroxy-3-methylglutaroyl)-6-C-hexoside; Methylluteolin 2''-O-deoxyhexosil-6''-(3-hydroxy-3-methylglutaroyl)-6-C-hexoside; Methylluteolin 6''-(3-hydroxy-3-methylglutaroyl)-6-C-hexoside (121); 5-O-caffeoylquinic acid (Neochlorogenic acid); Caffeoylmalic Acid; Cichoric Acid; Quercetin 3-O-galactoside (Hyperoside) (122)</p>
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Table S3. Phenolic compounds identified in 15 Leafy Spices

\*compounds identified in leaves and stems

<p>Amaryllidaceae</p> <p><b>Allium ursinum</b> L.</p> <p>Ramsons</p>	<p>4'-O-acetyl-kaempferol-3-O-<math>\alpha</math>-l-rhamnopyranosyl-(1<math>\rightarrow</math>2)-<math>\beta</math>-d-glucopyranoside-7-O-[2-O-(trans-p-coumaroyl)]-<math>\beta</math>-d-glucopyranoside; 7-O-<math>\beta</math>-d-glucopyranosyl-kaempferol-3-O-<math>\alpha</math>-l-rhamnopyranosyl-(1<math>\rightarrow</math>2)-<math>\beta</math>-d-glucopyranoside; acetyl-kaempferol-deoxyhexose hexoside-7-O-[2-O-(feruloyl)]-hexoside; acetyl-kaempferol-deoxyhexose hexoside(p-coumaroyl)]-hexoside derivative; acetyl-kaempferol-deoxyhexose hexoside-7-O-[2-O-(p-coumaroyl)]-hexoside; Kaempferol 3-O-<math>\alpha</math>-L-rhamnopyranosyl-(1<math>\rightarrow</math>2)-[3-O-acetyl]-<math>\beta</math>-d-glucopyranoside; Kaempferol 3-O-<math>\alpha</math>-L-rhamnopyranosyl-(1<math>\rightarrow</math>2)-<math>\beta</math>-d-glucopyranoside; Kaempferol3-O-<math>\alpha</math>-L-rhamnopyranosyl-(1<math>\rightarrow</math>2)-<math>\beta</math>-d-glucopyranoside-7-(2''-p-coumarylglucoside); Kaempferol3-O-<math>\alpha</math>-L-rhamnopyranosyl-(1<math>\rightarrow</math>2)-<math>\beta</math>-d-glucopyranoside-7-(2''-p-coumaroyl-3-O-<math>\beta</math>-d-glucopyranosyl-d-glucose); Kaempferol3-O-<math>\alpha</math>-L-rhamnopyranosyl-(1<math>\rightarrow</math>2)-[6-O-acetyl]-<math>\beta</math>-d-glucopyranoside; Kaempferol-3-O-<math>\alpha</math>-l-rhamnopyranosyl-(1<math>\rightarrow</math>2)-<math>\beta</math>-d-glucopyranoside; Kaempferol 3-O-rhamnopyranosyl-(1<math>\rightarrow</math>2)-glucopyranosyl; Kaempferol-deoxyhexose-hexoside-feruloyl-hexoside; Kaempferol-deoxyhexose-(1<math>\rightarrow</math>2)-hexoside-(p-coumaryl-hexoside-hexoside); Kaempferol-hexose-(acetyl-deoxyhexose (p-coumaryl-hexosyl-hexoside)) derivative; Kaempferol-hexosyl-acetyl-deoxyhexose-hexoside derivative; Kaempferol-(acetyl-p-coumaryl-hexose); Kaempferol-(acetylhexoside)-hexoside; Kaempferol-3,7-di-O-<math>\beta</math>-d-glucopyranoside; Kaempferol-pentoside; Kaempferol-pentosylhexoside; Kaempferol-rhamnoside; Kaempferol-3-rutinoside (123) Protocatechuic acid; 4-OH-benzoic acid; Vanillic acid; Caffeic acid; Syringic acid; Coumaric acid; Ferulic acid; Sinapic acid (124)</p>
<p>Amaryllidaceae</p> <p><b>Allium schoenoprasum</b> L.</p> <p>Chive</p>	<p>Astragalin (kaempferol-3-O-glucoside); Flavonol diglucoside; Flavonol triglucoside; Isorhamnetin 3-<math>\beta</math>-D-glucoside; Quercetin 3-<math>\beta</math>-D-glucoside (125); Kaempferol; Catechin; p-Coumaric acid; Ferulic acid (126); Apigenin; Caffeic acid; Chlorogenic acid; Dihydroquercetin; Gallic acid; Hesperetin; Hyperoside; Isorhamnetin; Luteolin; Naringenin Chalcone; p-Hydroxybenzoic acid; Quercetin; Rutin; Sinapic acid; trans-Cinnamic acid; Vanillic acid (127)</p>
<p>Apiaceae</p> <p><b>Anethum graveolens</b> L.</p> <p>Indian dill</p>	<p>Isorhamnetin-3-O-<math>\beta</math>-D-glucuronide; Isorhamnetin-3-O-galactoside; Isorhamnetin-3-O-glucoside; Isorhamnetin-3-O-rhamnoglucoside; Quercetin-3-O-<math>\alpha</math>-D-galactoside (Hyperoside); Quercetin-3-O-<math>\beta</math>-D-glucoside (Isoquercitrin); Quercetin-3-O-<math>\beta</math>-D-glucuronide; Quercetin-3-O-rutinoside (Rutin) (128); Caffeic acid; Carvacrol; Chlorogenic acid; o-Coumaric acid; p-Coumaric acid; trans-Cinnamic acid; Eugenol; Ferulic acid; Protocatechuic acid; Rosmarinic acid; Syringic acid; Thymol; Vanillic acid (129); 5-O-caffeoylquinic acid (neochlorogenic acid); 4-O-caffeoylquinic acid (cryptochlorogenic acid); Feruloylquinic acid; Kaempferol-3-O-glucuronide; Protocatechuic derivative of ferulic acid (130)</p>
<p>Apiaceae</p> <p><b>Coriandrum sativum</b> L.</p> <p>Coriander</p>	<p>4-Hydroxycoumarin; Apigenin; Arbutin; Caffeic acid; Catechin; Chrysoeriol; Diosmin; Dihydroquercetin; Dicoumarin; Esculin; Esculetin; Gallic acid; Hesperidin; Hyperoside; Luteolin; Orientin; Quercetin; Rutin; Salicylic acid; Scopoletin; Umbelliferone; Vicenin; Vitexin (131); Acetin; Cis-Ferulic acid; Trans-Ferulic acid (132); 5-O-caffeoylquinic acid (neochlorogenic acid); Acetylated apigenin-C-hexoside-O-pentoside; Acetylated luteolin hexoxyl-rhamnoside; Apigenin-8-C-hexoside-5-O-pentoside; Apigenin-8-C-hexoside-7-O-pentoside; Caffeoylquinic acid; p-coumaroylquinic acid; Dimethoxycinnamoyl hexoside; Ferulic acid glucoside; Isorhamnetin dihexoside; Kaempferol-3-O-rutinoside; Luteolin hexoxyl-rhamnoside; Quercetin 3-O-glucuronide; Quercetin-3-O-glucoside; Quercetin-3-O-rutinoside; Tryptophan hexoside (133)*; Chlorogenic acid; trans-Cinnamic acid; o-Coumaric acid; p-Coumaric acid; trans-Hydroxycinnamic acid; Kaempferol; Naringin; Quercetin dihydrate; Quercetin-3-rhamnoside; Resorcinol; Rosmarinic acid; Rutin trihydrate; Vanillic acid (134)</p>

<p>Apiaceae</p> <p><b><i>Petroselinum crispum</i></b> (Mill.) Fuss</p> <p>Parsley</p>	<p>6''-acetylapiin; Diosmetin; Diosmetin 7-O-β-D-glucopyranoside; Kaempferol 3-O-β-D-glucopyranoside (135); Apiin; Apigenin; Apigetrin (136); Kaempferol (137); Caffeic acid; Chlorogenic acid; p-Coumaric acid; p-Coumaric acid 4-O-hexoside; Isoquercitrin; Protocatechuic acid (126); Apigenin-O-acetyl-pentosyl-hexoside; Chrysoeriol-7-O-malonylapiosylglucoside B; Coumaroyl derivative; Diosmetin 7-aposylglucoside; Quercetin-O-pentosyl-hexoside (138)</p>
<p>Asteraceae</p> <p><b><i>Artemisia dracunculus</i></b> L.</p> <p>Tarragon</p>	<p>2-Hydroxy-4-methoxycinnamic acid; 3,5,4-Trihydroxy-7,3'-dimethoxyflavone; 3,5,4'-trihydroxy-7-methoxyflavone; 3,5-Dicaffeoylquinic acid (isochlorogenic acid A); 4,5-di-O-caffeoylquinic acid; 5,6,7,8,4''-pentahydroxymetoflavone; 5,7-dihydroxyflavone; 5-O-caffeoylquinic acid (neochlorogenic acid); 7-O-B-0-glycopyranoside; 7-O-B-0-glucopyranoside anangenin estragonizide; p-coumaroyl-caffeoylquinic acid; p-coumaroyl-feruloylquinic acid; Hydroxybenzoic acid; Kaempferol (139); Chicory acid; p-Coumaric acid; Ferulic acid; Syringic acid; Vanillic acid (140); 2',4'-Dihydroxy-4-methoxydihydrochalcone; Caffeoyl hexaric acid; Caffeoylquinic acid; Di-O-caffeoylquinic acid; Davidigenin; Ferulic acid hexoside; Isorhamnetin glycosides; Isorhamnetin ramosylhexoside; Isoquercitrin/hiperoside; Patuletin 3-O-malonyrrobinobioside; Patuletin hexoside; Patuletin malonyirhamnosylhexoside; Patuletin rhamnosylhexoside; Protocatechuic acid dihexoside; Quercetin derivative; Quercetin-3-O-rhamnosylhexoside; Sakuranetin; Syringetin 3-O-rhamnosylhexoside; Syringic acid hexoside; Vicenin; Vicenin-2 apigenin 6,8-di-C-glucoside (141); 4-hydroxycoumarin; 7,3'-Dimethyleteriodictyol; 7-Methyleteriodictyol; 7-Methylaringenine; 8-hydroxycapillarin; 8-hydroxyartemidin; Artemidinol; Biocovertsetin; Daphnetin 7-methyl ether; Daphnetin methylene ether; Esculin; Esculetin; Estroside; Kaempferol glycosides; Luteolin glycosides; Quercetin 3-O-rutinoside; Rutoside; Scopoletin (142)</p>
<p>Lamiaceae</p> <p><b><i>Melissa officinalis</i></b> L.</p> <p>Lemon balm</p>	<p>Caftaric acid hexoside; Rosmarinic acid hexoside; Sulphated rosmarinic acid (143); Carvacrol; Thymol (144); 3-(3,4-dihydroxyphenyl)-Lactic acid; Apigenin; Apigenin 7-O-β-D-glucopyranoside; Apigenin 7-O-glucoside; Caffeic acid; Catechin; Chlorogenic acid; Ellagic acid; Epicatechin; Eriodictyol-7-O-glucoside; Gallic acid; Hesperetin; Hesperidin; Isoquercitrin; Lithospermic acid A; Luteolin; Luteolin 3'-O-β-D-glucuronopyranoside; Luteolin 7-O-β-D-glucopyranoside-3'-O-β-D-glucuronopyranoside; Luteolin 7-O-β-D-glucuronopyranoside; Luteolin 7-O-glucoside; Luteolin 3'-O-β-D-glucuronopyranoside; m-Coumaric acid; Melitric acid A; Melitric acid B; Naringenin; Naringin; Rosmarinic acid; Rutin; Salvianolic acid A; Salvianolic acid B; Salvianolic acid C; Salvianolic acid F; Sagerinic acid; Yunnaneic acid F (145)*; Daidzein; Neochlorogenic acid(146)*; Caftaric acid; p-Coumaric acid; Ferulic acid; Fisetin; Gentsic acid; Hyperoside; Isoquercetin; Kaempferol; Myricetin; Quercetin; Quercitrin; Sinapic acid (147)</p>
<p>Lamiaceae</p> <p><b><i>Mentha spicata</i></b> L.</p> <p>Spearmint</p>	<p>3,4-dihydroxybenzoic (Protocatechuic acid); 5,6,4'-Trihydroxy-7,3'-dimethoxyflavone; Apigenin; Catechin; Diosmetin; Diosmin; Diosmin-7-glucoside; Epicatechin; Gallic acid; Luteolin; Myricetin; Naringenin; Syringic acid; Thymonin; Vanillic acid (148); 3'-Caffeoylquinic (chlorogenic acid); 5'-Caffeoylquinic (neochlorogenic acid); Acacetin; Acacetin derivative; Caftaric acid; Caffeic acid; Coumaric acid; Cyclolariciresinol; Danshensu derivative; Dehydro-Rosmarinic acid; Dihydroxyphenylacetic acid; Dihydroxyphenyllactic acid (Danshensu); Dicaffeic acid; Ferulic acid derivative; Feruloylquinic acid; G(8-O-4)5H; Hydroxybenzoic acid; Hydroxyphenyllactic acid; Lithospermic acid; Luteolin-8-C-glucoside (orientin); Luteolin-glucuronide; Luteolin-hexoside; Luteolin-rutinoside; Naringenin-7-O-rutinoside (Narirutin); Protocatechuic acid hexoside; Quercetin-rutinoside (rutin); Rosmanol; Rosmarinic acid; Rosmarinic acid derivative; Rosmarinic acid-dihexoside; Rosmarinic acid-O-caffeic acid; Rosmarinic acid-O-hexoside; Rosmarinic acid-rutinoside; Sagerinic acid; Sagerinic acid isomer; Salicylic acid; Salvianolic acid A; Salvianolic acid A derivative; Salvianolic acid A isomer; Salvianolic acid B; Salvianolic acid B derivative; Salvianolic acid B/E/isomer; Salvianolic acid D; Salvianolic acid E; Salvianolic acid F; Salvianolic acid J/isomer; THDBCHMCA (149); 4-Hydroxycoumarin; Trans-5-O-(4-coumaroyl)-D-quinat; Apigenin-7-O-glucoside; Chrysofenetin; Demethylsulochrin; Eriodictyol; Eriodictyol-7-O-glucoside; Eravacycline; Hesperidin; Kaempferol; Rhamnocitrin; Retusin (150)</p>

<p>Lamiaceae</p> <p><b><i>Origanum majorana</i> L.</b></p> <p>Sweet marjorum</p>	<p>trans-2-Hydroxycinnamic acid; Amentoflavone; Arbutin; Dihydroxyphenolic acid; Luteolin Coumarin; Quercetin; Rutin; Syringic acid; Vanillic acid (151); Aromadendrin; Sorbifolin; Taxifolin; Thymonin; Thymusin; Trihydroxy-7,3'-dimethoxyflavone (152); Apigenin; Caffeic acid; Caffeoylquinic acid derivative; Carnosic acid; Chlorogenic acid; Cinnamic acid; p-Coumaric acid; Ferulic acid; Ferulic acid derivative; Gallic acid; Luteolin-7-o-rutinoside; Methyl rosmarinat; Naringenin; Quercetin-7-o glucoside; Quinic acid; Rosmarinic acid (153); Catechin; Chrysin; Epicatechin (154); Dihydroquercetin; Dihydroluteolin; Epigallocatechin; Luteolin glucuronide; Luteolin-7-O-glucoside; Gallocatechin derivative; Quercetin arabinoside (155); 3-O-methyl-catechin (mecidanol); Acacetin rutinoside; Apigenin; Apigenin; Apigenin-O-glucuronide; Caffeoyl-arbutin; Caffeoylquinic acid derivative; Carnosic acid; Cinnamic acid; o-Coumaric acid; Diosmin; Dihydrokaempferide; Dihydroquercetin; Dihydroxybenzoic acid; Dihydroxybenzoic acid hexose; Eriodictyol; Gallocatechin isomer 1; Gallocatechin isomer 2; Hesperidin; Isoorientin; Isorhamnetin; Isovitexin; Jaceidin isomer 1; Jaceidin isomer 2; Kaempferol-O-glucuronide; kaempferol-O-sambubioside; Luteolin; Luteolin-6,8-C-dihexose; Luteolin-7-O-rutinoside; Luteolin-O-glycoside; Methyl rosmarinat; Naringnin; Orientin; Quercetin dimethyl ether; Quercetin-7-O-glucoside; Rosmarinic acid; Sakuranetin; Salvianolic acid I; Syringetin; Taxifolin methyl ether isomer 1; Taxifolin methyl ether isomer 2; Vicenin-2 (Apigenin-6,8-di-C-hexoside); Vitexin (156); 2-(4-Hydroxy phenyl) ethanol; Vanillin (157); 5,6,3 Trihydroxy 7,8,4' trimethoxyflavone; Amentoflavone–fistinidin dimer; Amentoflavone–gallocatechin, trimer protonated; Carvacrol; Fisetinidin 4,6 dimer; Fisetinidin–fisetinidin–gallocatechin trimer; Gallocatechin 4,8 dimer; Gallocatechin-catechin 4,8 dimer; Gallocatechin–gallocatechin–catechin trimer protonated; p-Hydroxybenzoic; Kaempferol; Lithospermic acid; Monohydroxy 7,8,4' trimethoxyflavone; Protocatechuic acid; Salicylic acid; Thymol; Tyrosol (158); Blumeatin (159)</p>
<p>Lamiaceae</p> <p><b><i>Origanum vulgare</i> L.</b></p> <p>Oregano</p>	<p>2-caffeoyloxy-3-[2-(4-hydroxybenzyl)- 4,5-dihydroxy]phenylpropionic; Phenyl glucoside(160); Apigenin 7-O-β-D-glucuronide; Apigenin 7-O-β-D-(6''-methyl)glucuronide; Luteolin 7-O-β-D-glucopyranoside; Luteolin 7-O-β-D-xylopyranoside; Orignalnanol; Salvianolic acid A (161)*; 5,3',4'-Trihydroxy-7-methoxyflavone; 5,6-Dihydroxy-7,3',4' -trimethoxyflavone; Aromadendrin; Eriodictyol; Genkwanin; Ladanein; Naringenin; Pebrellin; Sorbifolin; Taxifolin; Thymonin; Thymusin; Trihydroxy-7,3'-dimethoxyflavone (151); Apigenin 6,8-di-C-glucoside; Apigenin 7-O-diglucuronide; Eriodictyol 6,8-di-C-glucoside; Eriodictyol 7-O-glucoside; Luteolin 7,7'-di-O-glucuronide; Luteolin 7-O-glucuronide; Luteolin 7-O-glucuronide-3'-O-glucoside; Carvacrol; Thymol (162)*; Acacetin; Apigenin; Apigenin-7-O-glucoside; Apigenin-7-O-rutinoside; Caffeic acid; Caffeic acid hexoside; Carnosic acid; Carnosol; Cirsimaritin; p-Coumaric acid; Dicafeoylquinic acid; Epirosmanol; Ferulic acid; Gallic acid; Gallocatechin; Hydroxybenzoic acid-O-hexoside; Isorhamnetin-3-O-hexoside; Luteolin; Luteolin-3-O-glucuronide; Luteolin-7-O-glucoside; Luteolin-7-O-rutinoside; Medioresinol; Methyl apigenin; Methyl carnosate; Methoxycarnosol; Phloridzin; Protocatechuic acid; Quercetin; Quercetin-3-O-hexoside; Rosmarinic acid; Rutin; Syringic acid; Vanillic acid (163)*; Origanine A; Origanine B; Origanine C (164); Origanol A; Origanol B (165); Chicoric acid; Kaempferol (166)*; Salvianolic acid; Salvianolic acid B; Salvianolic acid C; Salvianolic acid H (167); (+)-catechin; (-)-epicatechin (168)</p>
<p>Lamiaceae</p> <p><b><i>Salvia officinalis</i> L.</b></p> <p>Salvia</p>	<p>4-hydroxyacetophenone 4-O-(6'-O-β-d-apiofuranosyl)-β-d-glucopyranoside; 6,8-di-C-β-d-glucosylapigenin (vicenin-2); 6-hydroxyluteolin 7-O-β-d-glucoside; 6-hydroxyluteolin 7-O-glucuronide; cis-p-coumaric acid 4-O-(2'-O-β-d-apiofuranosyl)-β-d-glucopyranoside; trans-p-coumaric acid 4-O-(2'-O-β-d-apiofuranosyl)-β-d-glucopyranoside isolated; Luteolin 3' -O-β-d-glucuronide; Luteolin 7-O-β-d-glucoside; Luteolin 7-O-β-d-glucuronide (169); Carvacrol; Eugenol; cis-ferruginol; trans-ferruginol; trans-totarol (170); 4-Hydroxybenzoic acid; Apigenin; Apigenin-7-O-glucoside; Apigenin-7-O-rutinoside; Caffeic acid; Caffeic acid hexoside; Carnosic acid; Carnosol; Chlorogenic acid; Cirsimaritin; Dicafeoylquinic acid; Epirosmanol; Ferulic acid; Gallic acid; Gallocatechin; Hydroxybenzoic acid-O-hexoside; Isorhamnetin; Isorhamnetin-3-O-hexoside; Luteolin; Luteolin-7-O-rutinoside; Medioresinol; Methyl apigenin; Methyl carnosate; Methoxycarnosol; Phloridzin; Protocatechuic acid; Quercetin; Quercetin-3-O-hexoside; Rosmarinic acid; Syringic acid; Vanillic acid (163)*; Apigenin-diglucuronide; Luteolin diglucuronide (171); Sagerinic acid; Salvianolic acid I;</p>

	Salvianolic acid K (172); Caffeoylquinic acid derivative; Cinnamic acid; p-Coumaric acid; Quinic acid; Quercetin-7-O-glucoside (153); Hispidulin (173); 4,5,7-Trihydroxy flavone; 4,5,7-Trihydroxy flavone isomer; 12-Methoxy-carnosic acid; 12-Methoxy carnosic acid; Asiatic acid; Baicalin; Caffeic acid-3-O-glucoside; Epiisorosmanol; Genkwanin; Hesperetin; Hesperidin; Hispidulin; Hispidulin glucuronide; Isorhamnetin-3-O-glucoside; Micromeric acid; Methyl rosmarinate; Pectolarigenin; Rosmadiol; Rosmadiol isomer; Rosmanol; Rosmanol methyl ether; Rosmanol methyl ether; Rosmaridiphenol; Rosmarinic acid-3-O-glucoside; Rutin; Salvianolic acid B; Scutellarin (174)
Lamiaceae <b><i>Salvia rosmarinus</i></b> Spenn. Rosemary	Acacetin; Apigenin; Apigenin-7-O-glucoside; Apigenin-7-O-rutinoside; Caffeic acid; Caffeic acid hexoside; Carnosic acid; Carnosol; Chlorogenic acid; Cirsimaritin; p-Coumaric acid; Dicafeoylquinic acid; Epirosmanol; Ferulic acid; Gallic acid; Gallocatechin; Hydroxybenzoic acid-O-hexoside; Isorhamnetin; Luteolin; Luteolin-3-O-glucuronide; Luteolin-7-O-glucoside; Luteolin-7-O-rutinoside; Medioresinol; Methyl apigenin; Methyl carnosate; Methoxycarnosol; Phloridzin; Protocatechuic acid; Quercetin; Quercetin-3-O-hexoside; Rosmadiol; Rosmarinic acid; Rutin; Syringic acid; Vanillic acid (163)*; [9]-Shogaol; [9]-Shogaol isomer; 2,3,4,4a,10,10a-Hexahydro-5,6-dihydroxy-1,1-dimethyl-7-(1-methylethyl)-9(1H)-Phenanthrene; Nepetrin; Rosmaridiphenol (175); 12-O-Methylcarnosic acid; 4'-Methoxytecto-chrysin; 5,6,7,10-tetrahydro-7-hydroxy rosmariquinone; 5,6,7,10-tetrahydro-7-hydroxy rosmariquinone derivative; Carnosic acid derivative; Carnosic acid hexoside; Carnosol isomer; Carnosol methyl ether isomer; Dihydroxy-dimethoxyflavone; Dihydroxy-dimethoxyflavone derivative; Epiisorosmanol; Epiisorosmanol methyl ether; Eriodictyol; Genkwanin; Hesperetin; Hesperidin; Hispidulin-rutinoside; Homoplantagin; Isorhamnetin-rutinoside; Isosakuranetin; Luteolin-3'-acetyl-O-glucuronide; Luteolin-7-O-glucuronide; Medioresinol derivative; Medioresinol-glucuronide; Methyl rosmarinate; Rosmanol; Rosmanol methyl ether; Rosmanol methyl ether isomer; Rosmaridiphenol; Trihydroxy-methoxyflavone (176); 6-Hydroxyluteolin-7-O-glucoside; 6-Hydroxyluteolin-7-O-glucuronide; 12-Methoxy-carnosic acid; Asiatic acid; Caffeoyl-fructosyl-glucose; Diosmetin; Hispidulin glucuronide; Isorhamnetin-3-O-glucoside; Isorhamnetin-3-O-rutinoside; Luteolin-7-O-glucuronide; Micromeric acid; Narirutin; Pectolarigenin; Quinic acid; Rosmadiol isomer; Rosmanol isomer; Rosmarinic acid-3-O-glucoside; Sagerinic acid; Salvianolic acid B; Scutellarin (174); 3-p-coumaroylquinic acid; 4-O-Caffeoyl quinic acid; Hispidulin-7-O-glucoside; Kaempferol-7-O-hexoside; Phlorizin; Salvianolic acid A; Salvianolic acid B; Trihydroxy-methoxyflavone; Triptolidenol (177)
Lamiaceae <b><i>Thymus vulgaris</i></b> L. Thyme	4-Hydroxybenzoic acid; Apigenin; Apigenin-7-O-glucoside; Apigenin-7-O-rutinoside; Caffeic acid; Caffeic acid hexoside; Carnosol; Chlorogenic acid; Cirsimaritin; p-Coumaric acid; Dicafeoylquinic acid; Epirosmanol; Ferulic acid; Gallic acid; Gallocatechin; Hydroxybenzoic acid-O-hexoside; Isorhamnetin; Isorhamnetin-3-O-hexoside; Luteolin; Luteolin-3-O-glucuronide; Luteolin-7-O-glucoside; Luteolin-7-O-rutinoside; Medioresinol; Methoxycarnosol; Methyl apigenin; Methyl carnosate; Phloridzin; Protocatechuic acid; Quercetin; Quercetin-3-O-hexoside; Rutin; Syringic acid; Thymol; Vanillic acid (163); Caffeoylquinic acid derivative; Carnosic acid; Cinnamic acid; Ferulic acid derivative; Methyl rosmarinate; Naringenin; Quercetin-7-O-glucoside; Quinic acid (153); Apigenin 6,8-di-C-glucoside; Caffeic acid derivative; Caffeic acid trimer; Lithospermic acid A; Luteolin-7-O-glucuronide; Methyl eriodictyol-O-pentosylhexoside; Quercetin-O-glucuronide; Rosmarinic acid hexoside (178); o-Coumaric acid (179); Apigenin-(?)O-hexuronide; Eriodictyol; Eriodictyol-(?)O-hexoside; Salvianolic acid I; Salvianolic acid K (180)
Lauraceae <b><i>Laurus nobilis</i></b> L. Bay laurel	9-O-β-D-xylopyranoside; 1-(2'-Hydroxyphenyl)-1-hydroxyphenylpropan-α-O-hexoside; 2-(4-Hydroxy-3-methoxyphenyl)-ethyl-O-β-D-glucopyranoside; 2',β-Dihydroxy-α,β-dihydrochalcone-α-O-hexoside; 2'-Hydroxy-α,β-dihydrochalcone-α-O-hexoside; 2-Hydroxycinnamic acid; 2''-O-Rhamnosyl-C-hexosyl-apigenin; Protocatechuic acid hexoside; 3'-Methoxyquercetin-3-O-[6-O-(rhamnopyranosyl) glucopyranoside]; 3'-Methoxyquercetin-3-O-glucopyranoside; 4-O-p-Coumaroylquinic acid; (+)-5'-Methoxysolaricresinol 9'-O-β-D-xylopyranoside; 8-C-Hexosyl apigenin; Apigenin; Apigenin 8-C-glucoside; Apigenin-6,8-di-C-hexoside; Apigenin-6-C-(2''-O-deoxyhexosyl)-hexoside; Apigenin-6-C-glucoside; Caffeic acid;



Caffeic acid-O-hexoside; (+)-Catechin; Chlorogenic acid; Cryptochlorogenic acid; Cinnamtannin B-1; Ferulic acid; Gallic acid; (+)-Gallic catechin; Gentisic acid; Hesperetin; Homovanillic acid; Homovanillic acid-O-hexoside; p-Hydroxybenzoic acid; m-Hydroxybenzoic acid; (Iso)rhamnetin-3-O-(6''-O-deoxyhexosyl)-hexoside; (Iso)rhamnetin-3-O-hexoside; Isorhamnetin-3-O-[6-O-(rhamnopyranosyl)glucopyranoside]; Isorhamnetin-3-O-glucopyranoside; Isorhamnetin-3-O-rhamnopyranosyl(1-6)-glucopyranoside; Isorhamnetin-O-hexoside; Isorhamnetin-O-pentoside; Isorhamnetin-O-rhamnoside; Isorhamnetin-O-rutinoside; Isovitexin-2''-rhamnoside; Kaempferol; Kaempferol-3,7-di-O- $\alpha$ -L-rhamnoside; Kaempferol-3-O- $\alpha$ -L-(2'',4''-di-Z-p-coumaroyl)-rhamnoside; Kaempferol-3-O- $\alpha$ -L-(2''-E-p-coumaroyl)-rhamnoside; Kaempferol-3-O- $\alpha$ -L-(2'',4''-di-E-p-coumaroyl)-pyranorhamnoside; Kaempferol-3-O- $\alpha$ -L-(3'',4''-di-E-p-coumaroyl)-rhamnoside; Kaempferol-3-O- $\alpha$ -L-(2''-Z-p-coumaroyl-4''-E-p-coumaroyl)-rhamnoside; Kaempferol-3-O-arabinopyranoside; Kaempferol-3-O-deoxyhexoside; Kaempferol-3-O-glucopyranoside; Kaempferol-3-O-p-coumarate; Kaempferol-3-O-pentoside; Kaempferol-3-O-rhamnopyranoside; Kaempferol-3-O-rutinoside; Kaempferol-O-hexoside; Kaempferol-O-pentoside; Lyoniside; Luteolin; Luteolin-6-C-glucoside; Naringenin; Neochlorogenic acid; Nobiletin; Peonidin 3-O-glucoside; Peonidin 3-O-rutinoside; Procyanidin B-2; Procyanidin B-4; Procyanidin B-5; Procyanidin B-7; Protocatechuic acid; Quercetin; Quercetin-3-O-(6''-O-deoxyhexosyl)-hexoside; Quercetin-3-O-[6-O-(rhamnopyranosyl)glucopyranoside]; Quercetin-3-O-deoxyhexoside; Quercetin-3-O-glucopyranoside (isoquercitrin); Quercetin-3-O-pentoside; Quercetin-3-O-rhamnopyranoside; Quercetin-3-O-rutinoside (Rutin); Quercetin-O-pentoside; Quercetin-O-rhamnoside; Rosmarinic acid; (+)-Secoisolariciresinol; Syringic acid; Tangeretin; Tetramethoxy-dihydroquercetin-3-O-pentoside; Vanillic acid; Vanillic acid-O-hexoside (181); Hyperoside; Kaempferol-3-coumaroyl-glucoside; Kaempferol-7-rhamnoside (182); Kaempferol-3-O- $\alpha$ -L-(2''-E, 4''-Z-dip-coumaroyl)-rhamnopyranoside; Kaempferol-3-O- $\alpha$ -L-(2''-Z, 4''-E-dip-coumaroyl)-rhamnopyranoside; Kaempferol-3-O- $\alpha$ -L-(3''-Z, 4''-di-E-p-coumaroyl)-rhamnopyranoside; Kaempferol-3-O- $\alpha$ -L-(3'', 4''-di-Z-p-coumaroyl)-rhamnopyranoside; Quercetin-3-O-hexoside (isomer 1 and 2); Quercetin-3-O-glucoside (183)

Table S4. Phenolic compounds identified in 10 Leafy Beverages

\*compounds identified in leaves and stems

<p>Aquifoliaceae</p> <p><b><i>Ilex paraguariensis</i></b> A.St.-Hil.</p> <p>Yerba mate</p>	<p>3-O-Caffeoylquinic acid (chlorogenic acid); 3,4-Dicaffeoylquinic acid (isochlorogenic acid B); 3,5-Dicaffeoylquinic acid (isochlorogenic acid A); 4,5-Dicaffeoylquinic acid (isochlorogenic acid C); 4-O-Caffeoylquinic acid (cryptochlorogenic acid); 5-O-Caffeoylquinic acid (neochlorogenic acid) ; Caffeoylferuloylquinic acid; Caffeoylquinic acid; Caffeoylsinapoylquinic acid; Coumaroylquinic acid; Dicafeic acid; Dicafeoylquinic acid; Feruloylquinic acid; Kaempferol-3-O-glucoside; Kaempferol-3-O-rhamnoglucoside; Quercetin-3-O-rhamnoside; Rutin; Tricaffeoylquinic acid (184); Caffeic acid; Caffeoyl derivatives; Kaempferol; Quercetin; Quinic acid (185); Caffeoyl glucose; Dicafeoylshikimic acid (186); 3,4-dihydroxybenzoic acid; p-Coumaric acid; Gallic acid; Salvianolic acid (187); Naringenin (188); Quercetin-3-rhamnosylglucoside (189); Kaempferol-3-O-rutinoside (190); 5-Caffeoyl-3-feruloylquinic acid; 5-Hydroxyferulic acid; Caffeic acid 3-glucoside; Caffeoyl-p-coumaroylquinic acid; Cis-4,5-Dicaffeoylquinic acid (isochlorogenic acid C); cis-Mulberroside A; Eugenol; p-Coumaroylquinic acid; Quercetin 3-O-glucoside (isoquercitrin); 3-Caffeoyl-4-feruloylquinic acid (191)</p>
<p>Asteraceae</p> <p><b><i>Neurolaena lobata</i></b> (L.) Cass.</p> <p>Jackass bitters / Zeb'a pic</p>	<p>6-hydroxykaempferol; 6-hydroxykaempferol 3-methyl ether 7-glucoside; 6-hydroxykaempferol 3-methyl ether 7-sulfate; 6-hydroxykaempferol 3,7-dimethyl ether; 6-hydroxykaempferol 7-glucoside; 6-hydroxyluteolin 3'-methyl ether; 6-hydroxyluteolin 7-glucoside; Quercetagenin; Quercetagenin 3,6-dimethyl ethers; Quercetagenin 3,7-dimethyl ethers; Quercetagenin 3-methyl ether 7-glucoside; Quercetagenin 3-methyl ether 7-sulfate (192)</p>
<p>Asteraceae</p> <p><b><i>Stevia rebaudiana</i></b> (Bertoni) Bertoni</p> <p>Stevia</p>	<p>Apigenin-digalactoside; Apigenin-diglucoside; Apigenin-galactoside; Kaempferol-gluco-pyranoside; Kaempferol-gluco-sylrhamnosyl-galactoside; Kaempferol-gluco-sylrhamnosyl-galactoside; Kaempferol-rhamnopyranosyl-gluco-pyranoside (rutinoside) isomers; Kaempferolxylosylglucoside; Kaempferol 3-rhamnopyranosyl-rhamnopyranosyl-gluco-pyranoside; Luteolin-gluco-ruronide; Quercetin-diglucoside-rhamnoside; Quercetin-dirhamnoside; Quercetin-fructoside; Quercetin-galactoside; Quercetin-pentoside; Quercetin-trisaccharide; Rutin (193); 1,3-Dicaffeoylquinic acid; 1,3,5-Tricaffeoylquinic acid; 1,4-Dicaffeoylquinic acid; 3,4-Dicaffeoylquinic acid (isochlorogenic acid B); 3,4,5-Tricaffeoylquinic acid; 3-Caffeoylquinic acid (chlorogenic acid); 3-Caffeoylshikimic acid; 3-Feruloyl-5-caffeoylquinic acid; 3-Feruloylquinic acid; 4-Caffeoyl-5-feruloylquinic acid; 4-Caffeoylquinic acid (cryptochlorogenic acid); 4-Caffeoylshikimic acid; 4-Methoxybenzoic acid; 4-Methylcatechol; 5-Caffeoylquinic acid (neochlorogenic acid); 5-Caffeoylshikimic acid; 5-Feruloylquinic acid; 5-p-Coumaroylquinic acid; Caffeic acid; Cinnamic acid; Gallic acid; Galuteolin; Luteolin; p-Coumaric acid; Pyrogallol; Quercetin-3-O-glucoside; Quercitrin; Roseoside; Sinapic acid; Syringic acid; Trans-ferulic acid; Vanillic acid (194); Apigenin; Apigenin-7-O-hexoside; Esculin (esculetin-6-O-glucoside); Isorhamnetin; Isorhamnetin-3-O-deoxyhexosylhexoside; Naringenin; Protocatechuic acid-O-hexoside I; Protocatechuic acid-O-hexoside II; Syringic acid-hexoside (195)</p>
<p>Fabaceae</p> <p><b><i>Aspalathus linearis</i></b> (Burm.f.) R.Dahlgren</p> <p>Rooibos</p>	<p>3,4,5-Trihydroxycinnamic acid; Sinapic acid (196); 3-Hydroxy-1-(4-hydroxy-3-methoxyphenyl)-2-[4-(3-hydroxy-1-(E)-propenyl)-2,6-dimethoxyphenoxy]propyl-O-glucoside; Aspalathin; p-Coumaric acid; Dihydro-iso-orientin [(R)/(S)-eriodictyol-6-glucoside]; Dihydro-orientin [(R)/(S)-eriodictyol-8-glucoside]; Esculetin; Hemiphlorin; p-Hydroxybenzoic acid; Hyperoside; Isoquercitrin; Isovitexin; Luteolin; Nothofagine; p-Hydroxyphenylglycol; Quercetin; Quercetin-3-O-B-d-robinoside;</p>

	<p>Secoisolariciresinol; Secoisolariciresinol-O-glucoside; Vladinol F; Vanylglycol; Vitexin (197); Caffeic acid; Catechin; Chlorogenic acid; Chrysoeriol; Ferulic acid; Gallic acid; Gentsic acid; Isoorientin; Protocatechuic acid; Rutin; Salicylic acid; Syringic acid; Vanillic acid (198); Isorhamnetin; Naringenin; Naringin; Pinobanksin; Syringaldehyde (199); 3,4-DHPEA-EDA; 3-Methoxysinensetin; 4-Hydroxycoumarin; 5-Pentadecylresorcinol; 6-Geranyl naringenin; Apigenin-6,8-C-galactoside-C-arabinoside; Chrysoeriol-7-O-glucoside; Chrysin; Cyanidin; Cyanidin-3-O-(6''-acetyl-galactoside); Cyanidin-3-O-(6''-caffeoyl-glucoside); Daidzin; Feruloyl glucose; Formononetin; Galangin; Gardenin B; Genistein; Hispidulin; Isoxanthohumol; Isorhamnetin-3-O-galactoside; Isorhamnetin-3-O-glucuronide; Isorhamnetin-3-O-rutinoside; Juglone; Kaempferol-3-O-(6''-acetyl-galactoside)7-O-rhamnoside; Kaempferol-3-O-acetyl-glucoside; Kaempferol-3-O-rhamnoside; Kaempferol-7-O-glucoside; Ligstroside; Malvidin-3-O-glucoside; Matairesinol; Naringenin-6-C-glucoside; Naringenin-7-O-glucoside; Pelargonidin-3-O-sambubioside; Piceatannol-3-O-glucoside; Peonidin; Peonidin-3-O-(6''-p-coumaroyl-glucoside); Peonidin-3-O-galactoside; Petunidin-3-O-(6''-acetyl-galactoside); Petunidin-3-O-galactoside; Phloretin-2'-O-xylosyl-glucoside; Resveratrol; Sinapine; Tyrosol; Xanthohumol (200); Linearthin (201); Bioquercetin; Thermoposide (202)</p>
<p>Lamiaceae <b><i>Coleus amboinicus</i></b> Lour. Indian borage</p>	<p>2-(3,4-Dihydroxybenzylidenyl)-3-(3,4-dihydroxyphenyl)-4-hydroxypentanedioic acid; 4-acetyl-3,5-dimethoxy-p-quinol; 5,3'-dihydroxy-7,4'-dimethoxyflavone; 5,4'-dihydroxy-7,3'-dimethoxyflavone; 5-hydroxy-7,3',4'-trimethoxyflavone; 5-hydroxy-7,4'-dimethoxyflavone; (+)-syringaresinol; Caffeic Acid; Carvacrol; Catechin; Chavicol; Chlorogenic Acid; Cirsimaritin; Ethyl salicylate; Gallic Acid; p-hydroxybenzoic acid; Isoquercitrin; Kaempferol; Kaempferol glycoside; Methylparaben; Quercetin; Quercitrin; Rosmarinic acid; Rutin; Salvianolic acid L; Salvigenin; Shimobashiric acid C; Thymoquinone; Thymol; Vanillic acid (203); Caffeoylquinic acid; Gallocatechin; Methyl gallate; Protocatechuic acid; Quinic acid; Salicylic acid glucoside; Sinapic acid hexose; Vicenin 1 (204); Catechol; <math>\alpha</math>-Coumaric acid; p-Coumaric acid; Ellagic acid; Eugenol; Ferulic acid; Myricetin; Naringin; Salicylic acid; Syringic acid (205); 3',7'-Dimethylquercetin; 5,7-Dihydroxy-4',6-dimethoxyflavone; Apigenin; Apigenin derivative; Apigenin-O-acetylglucuronide; Apigenin-O-Hexoside; Apigenin-O-(maloyl-Pentosyl); Carnosic acid derivative; Dihydroferulic acid-O-Glu; Dihydroxybenzoic acid; Epirosmanol; Luteolin; Luteolin 3'-(3-acetylglucuronide); Luteolin-O-Glucuronide; Luteolin-O-Hexoside; Luteolin-O-(Glucur-Maloyl); Luteolin-O-dHex-Hex; Rosmadial; Rosmanol; Rosmarinic acid derivative; Salvianolic acid C; Salvianolic acid C derivative (206)</p>
<p>Lamiaceae <b><i>Mentha x piperita</i></b> L. Peppermint</p>	<p>5,6-dihydroxy-7,3',4'-trimethoxyflavone; 5,6-dihydroxy-7,8,3',4'-tetramethoxyflavone; 5-O-desmethylnobiletin; Acacetin; Apigenin; Gardenin B; Gardenin D; Ladanein; Luteolin; Pebrellin; Salvigenin; Sideritoflavone; Sorbifolin; Thymonin; Thymusin; Xanthomicrol (207); 5,6-OH-7,8,3',4'-OMe-flavone; Apigenin 7-O-rutinoside (Isorhoifolin); Eriodictyol 7-O-glucoside; Eriodictyol 7-O-rutinoside (eriodictin); Hesperetin 7-O-rutinoside; Luteolin 7-O-glucoside; Luteolin 7-O-rutinoside (cyranoside) (208); Catechin; Cinnamic acid; Diosmetin; Diosmetin-7-O-rutinoside (Diosmin); Gallic acid; Naringenin; Naringin; Neohesperidin; Rutin; Syringic acid (209); Caffeic acid; Caftaric acid; Chlorogenic acid; o-Coumaric acid; p-Coumaric acid; Cryptochlorogenic acid; Isochlorogenic acid; m-Coumaric acid; Neochlorogenic acid; Protocatechuic acid; Rosmarinic acid (210)</p>

<p>Poaceae</p> <p><b><i>Cymbopogon citratus</i></b> (DC.) Stapf</p> <p>Lemon grass</p>	<p>Carlinoside; Cassiaoccidentalin B; Chlorogenic acid; p-Coumaric acid; Feruloylquinic acid; Isoschaftoside; Isoorientin 2''-O-rhamnoside; Kurilensin A; Luteolin 6-C-pentoside; Luteolin 7-O-neohesperidoside (211); Apigenin; Carnosic acid; Cinnamic acid; Ferulic acid; Gallic acid; Pyrogallol; Quercetin; Rutin (212); Apigenin 6-C-<math>\alpha</math>-Arabinopyranosyl-8-C-<math>\beta</math>-glucopyranosyl; Apigenin 6-C-Pentosyl-8-C-hexosyl; Isoorientin; Luteolin 2''-O-<math>\alpha</math>-L-Rhamnosyl-6-C-<math>\alpha</math>-arabinofuranosyl; Luteolin 2''-O-Rhamnosyl-(6-deoxy-ribo-hexos-3-ulosyl); Luteolin 6-C-<math>\beta</math>-Glucopyranosyl-8-C-<math>\alpha</math>-arabinopyranosyl; Luteolin 6-C-Pentosyl; Luteolin 6-C-Pentosyl-8-C-deoxyhexosyl; Luteolin 6-C-Pentosyl-8-C-pentosyl; Luteolin 7-O-<math>\beta</math>-Glucopyranosyl; Luteolin 7-O-Neohesperosyl (213); Caffeic acid; Catechin; Dihydroxybenzoic acid; Epicatechin; Kaempferol; Rosmarinic acid; Syringic acid; Trans-ferulic acid; Vanilic acid (214)</p>
<p>Theaceae</p> <p><b><i>Camellia sinensis</i></b> (L.) Kuntze</p> <p>Tea</p>	<p>Catechin; Formononetin; Galangin; Genistin; Glabridin; Licochalcone A; Liquiritin; Luteolin; Naringenin; Ononin; Quercetin; Umbelliferone (215); Caffeic acid; p-Coumaric acid; Ferulic acid; Gallic acid; Protocatechuic acid; Quinic acid; Salicylic acid; Sinapic acid; Succinic acid; Syringic acid (216); 1,2,4-Trigalloylglucose; 1,2,6-Trigalloylglucose; 3-O-Caffeoylquinic acid (chlorogenic acid); 3-p-Coumaroylquinic acid; 3-p-Coumaroylquinic acid; 3-O-glucosyl-rhamnosyl-galactoside; 4-O-Caffeoylquinic acid (cryptochlorogenic acid); 4-p-Coumaroylquinic acid; 5-O-Caffeoylquinic acid (neochlorogenic acid); 5-p-Coumaroylquinic acid; Assamicain A; Camellianin B; Chalcone; Dehydrotheasinensin C isomer 1; Dehydrotheasinensin C isomer 2; Dehydrotheasinensin C isomer 3; Ellagic acid; ECG-(4<math>\beta</math>6)-ECG; ECG-(4<math>\beta</math>8)-ECG; Ent-epicatechin-(4a<math>\rightarrow</math>8)-ent-epicatechin-3''-gallate; Ent-epicatechin-(4a<math>\rightarrow</math>8)-ent-epicatechin-3-gallate; Epiafzelechin; Epiafzelechin-3-O-gallate; Epicatechin; Epicatechin-3-O-gallate; Epicatechin-3-O-(3''-O-methyl)-gallate; Epicatechin-(<math>\beta\rightarrow</math>8)-epigallocatechin-3-O-gallate; Epigallocatechin; Epigallocatechin-3-O-gallate; Epigallocatechin-3-O-(3''-O-methyl)-gallate; Epigallocatechin-3-O-(4-hydroxybenzoate); Epigallocatechin-caffeate isomer 1; Epigallocatechin-caffeate isomer 2; Epigallocatechin-caffeate isomer 3; Gallocatechin; Gallocatechin-3-O-(3''-O-methyl)-gallate; Gallocatechin-3-O-(4''-O-methyl)-gallate; Gallocatechin-glucoside isomer 1; Gallocatechin-glucoside isomer 2; Gallocatechin-glucoside isomer 3; Hyperoside; Isoquercitrin; Isotheaflavin; Isoschaftoside; Isovitexin; Isovitexin-2''-O-glucoside; Kaempferol; Kaempferol-3-galactoside (trifolin); Kaempferol-3-O-galactoside (astragalin); Kaempferol-3-O-galactosyl-rutinoside; Kaempferol-3-O-glucoside (astragalin); Kaempferol-3-O-glucoside (nicotiflorin); Kaempferol-3-O-glucosyl-rutinoside; Kaempferol-3-robinobioside; Kaempferol-7-O-rhamnosyl-rutinoside; Myricetin 3-O-rutinoside; Myricetin-3-O-galactoside; Myricetin-3-O-glucoside; Neotheaflavin 3-O-gallate; Procyanidin B2; Procyanidin B3; Procyanidin B5; Procyanidin C isomer 1; Procyanidin C isomer 2; Procyanidin C isomer 3; Procyanidin C isomer 4; Quercetin 3-O-rutinoside (rutin); Quercetin-3-O-dirhamnosylgalactoside; Quercetin-3-O-galactoside (hyperoside); Quercetin-3-O-glucoside (isoquercitrin); Quercetin-3-O-glucosyl-rhamnosyl-galactoside; Quercetin-3-O-glucosyl-rhamnosyl-glucoside; Sanguin H1; Samarangenin B; Tiliroside; Theacitrin C; Theaflavin; Theaflavin-3,3''-digallate; Theaflavin-3-gallate; Theaflavin-3-O-(3-O-methyl) gallate; Theasinensin A; Theasinensin B; Theasinensin C; Theasinensin D; Theasinensin E; Theogallin; Vitexin; Vitexin-2''-O-glucoside (217)</p>
<p>Verbenaceae</p> <p><b><i>Verbena officinalis</i></b> L.</p> <p>Common vervain</p>	<p>1,5-O-dicaffeoylquinic acid; 4,5-O-dicaffeoylquinic acid (isochlorogenic acid C); Apigenin; Apigenin 7-O-diglucuronide; Apigenin 7-O-galactoside; Apigenin 7-O-glucoside; Isoverbascoside; Luteolin 7-O-diglucuronide; Luteolin 7-O-glucoside; Luteolin 7-O-glucuronide; Pedalitin 6-O-(2-O-feruloyl)-diglucuronide; Pedalitin 6-O-diglucuronide; Pedalitin 6-O-galactoside; Pedalitin 6-O-glucoside; Scutellarein 7-O-(2-O-feruloyl)-diglucuronide; Scutellarein 7-O-diglucuronide;</p>

	Scutellarein 7-O-glucoside; Scutellarein 7-O-glucuronide; Verbascoside (218); 13"4"-diacetyl-O-betonyoside A; 2"4"-diacetyl-O-verbascoside; 3",4"-diacetyl-O-isoverbascoside; 4"-O-acetyl-O-isoverbascoside; 4"-acetyl-O-verbascoside; 4",6"-diacetyl-O-betonyoside A; 6"-acetyl-O-verbascoside; Betonyoside A; Campneoside II; Isocampneoside II (219)*; Catechin; Cirsilineo; Naringenin; Rutin (quercetin-3-O-rutinoside) (220)
Zingiberaceae  <i>Alpinia zerumbet</i> (Pers.) B.L.Burtt & R.M.Sm.  Atoumo	Caffeic acid; Cinnamic acid; p-Coumaric acid; Epicatechin 3-O-gallate; Eucomic acid; Ferulyl O-glyceryl glucuronic acid; Ferulyl O-glyceryl glucuronic acid; Ferulic acid; Ferulic acid acyl-glucoside; Ferulic acid propionyl-glucoside; Gallic acid; Isorhamnetin 3-O-glucoside; Isorhamnetin 3-O-rutinoside; Isorhamnetin-3-O-β-d-glucuronide; Isoferulic acid; Isoferulic acid 3-O-β-glucopyranoside; Kaempferol 3-O-glucoside; Kaempferol 3-O-rutinoside; Kaempferol-3-O-β-d-glucuronide; Malic acid; Protocatechuic acid; Quercetin 3-O-glucoside; Quercetin 3-O-pentoside; Quinic acid; Salicylic acid; Sinapic acid; Sinapic acid 3-O-glucoside; Syringic acid; Vanillic acid; Vanillic acid 4-β-d-glucoside (221); Alpinetin; B-type procyanidin dimer; Catechin; Epicatechin; Pinocembrin; Pinostrobin; Proanthocyanidin (222)

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