



**qRE** Quantified  
Reference  
Extracts

## Quantified Reference Extracts Catalog - February 2021

**ISV** Institut des  
substances  
végétales

Ref#	Product name	Botanical name	Plant part	Family	English name	French name	Quantified Substances	Packing	CAS RN
E0015	qRE Aesculus hippocastanum	<i>Aesculus hippocastanum</i> L.	seeds	Sapindaceae	Horse chestnut	Marron d'inde	quercetin-3-xlyosyl(1-2)[glucosyl(1-3)]glucoside; quercetin-3-xlyosyl(1-2)glucosyl-4'-glucoside; quercetin-3-xlyosyl(1-2)glucoside; quercetin-3-xlyosyl(1-2)glucosyl-4'-nicotinoyl glucoside; kaempferol-3-xlyosyl(1-2)[glucosyl(1-3)]glucoside; quercetin-3-xlyosyl(1-2)glucosyl-4'-indolin-2-one-3-hydroxy-3-acetyl glucoside; desacylescin I; escin Ia; escin Ib; isoescin Ia + isoescin Ib	100 mg	8053-39-2
E0017	qRE Arctium lappa	<i>Arctium lappa</i> L.	roots	Asteraceae	Great burdock	Bardane	chlorogenic acid; succinoyl dicaffeoylquinic acid isomer; dicaffeoyl maloylquinic acid isomer; dicaffeoylquinic acid isomer; dicaffeoyl dimaloylquinic acid isomer + dicaffeoyl maloylquinic acid isomer; dicaffeoyl dimaloylquinic acid isomer + succinoyl dicaffeoylquinic acid; dicaffeoyl dimaloylquinic acid isomer + dicaffeoylquinic acid isomer; tricaffeoyl succinoylquinic acid	100 mg	84012-13-5
E0085	qRE Crataegus monogyna	<i>Crataegus monogyna</i> Jacq.	flowering aerial par	Rosaceae	Hawthorn	Aubépine	caffeoquinic acid; cis-5-O-p-coumaroylquinic acid; chlorogenic acid; procyanidin b1 + cis-3-O-p-coumaroylquinic acid; epicatechin; procyanidin derivate; procyanidin derivate; cyanidin-3-O-glucoside; hyperoside + rutin + isovitexin-2"-O-ramnoside; isoquercitrin; quercetin-O-acetyl hexoside + naringenin-7-O-glucoside; cratanacin	100 mg	90045-52-6
E0030	qRE Cynara cardunculus	<i>Cynara cardunculus</i> L.	leaves	Asteraceae	Cardoon	Cardon	flavonoid hexoside, luteolin-7-O-glucoside, apigenin-7-O-(6"-acetylglucoside), cynaropicrin, 1,5-dicaffeoylquinic acid, chlorogenic acid	100 mg	NA
E0011	qRE Cynara scolymus	<i>Cynara scolymus</i> L.	leaves	Asteraceae	Artichoke	Artichaut	flavonoid hexoside, luteolin-7-O-glucoside, apigenin-7-O-(6"-acetylglucoside), cynaropicrin, 1,5-dicaffeoyl quinic acid, luteolin-7-O-rutinoside, chlorogenic acid	100 mg	84012-14-6
E0012	qRE Echinacea angustifolia	<i>Echinacea angustifolia</i> DC.	roots	Asteraceae	Narrow-leaved purple coneflower	Echinacée angustifolia	echinacoside; undeca-2,4-diene-8,10-dynoic acid isobutylamide; pentadeca-2,9-diene-12,14-dynoic acid isobutylamide	100 mg	84696-11-7
E0113	qRE Echinacea pallida	<i>Echinacea pallida</i> (Nutt.) Nutt.	roots	Asteraceae	Pale purple coneflower	Echinacée pallida	feruloyl tartaric acid isomer; choric acid; feruloyl caffeoyl tartaric acid isomer; undeca-2,4-diene-8,10-dynoic acid isobutyramide (E or Z); dodeca-2,4-diene-8,10-dynoic acid isobutyramide (E or Z); dodeca-2,4-diene-8,10-dynoic acid-2-methylbutyramide; dodeca-2,4,8,10-tetraenoic acid isobutyramide isomer (E,E,Z,Z or E)	100 mg	97281-15-7
E0111	qRE Echinacea purpurea	<i>Echinacea purpurea</i> (L.) Moench.	roots	Asteraceae	Purple coneflower	Echinacée pourpre	feruloyl tartaric acid; p-coumaric acid O-hexose; choric acid; feruloyl coumaroyl tartaric acid; feruloyl caffeoyl tartaric acid isomer; undeca-2,4-diene-8,10-dynoic acid isobutyramide (Z or E); dodeca-2,4-diene-8,10-dynoic acid-2-methylbutyramide; dodeca-2,4,10-trien-8-yonic acid isobutyramide; trideca-2,7-diene-10,12-dynoic acid isobutyramide; dodeca-2,4-diene-8,10-dynoic acid-2-methylbutyramide; dodeca-2,4,8,10-tetraenoic acid isobutyramide (E, E, Z, Z or E)	100 mg	90028-20-9
E0121	qRE Eleutherococcus senticosus	<i>Eleutherococcus senticosus</i> (Rupr. & Maxim.) Maxim.	roots	Araliaceae	Siberian ginseng	Eleuthérocoque	chlorogenic acid; eleutheroside E; eleutheroside E1; chlorogenic acid isomer	100 mg	84696-12-8
E0092	qRE Equisetum arvense	<i>Equisetum arvense</i> L.	sterile stems	Equisetaceae	Field horsetail	Prêle	monocaffeoyl tartaric acid; 1uercerin-3,7-di-O-glucoside + quercetin-3-O-caffeoyle-glucoiside; kaempferol-3,7-di-O-glucoside; flavonol-3-O-hexose; protogenkwanin-4-O-glucoside; kaempferol-3-O-sophoroside; quercetin-3-glucoside; quercetin acetyl glucoside; choric acid + Unknown	100 mg	71011-23-9
E0067	qRE Filipendula ulmaria	<i>Filipendula ulmaria</i> (L.) Maxim.	flowering tops	Rosaceae	Meadowsweet	Reine des prés	digalloyl-HHDP-glucose isomer, digalloyl-HHDP-glucose isomer, quercetin-4'-O-glucoside, kaempferol, quercetin	100 mg	84775-57-5
E0024	qRE Gentiana lutea	<i>Gentiana lutea</i> L.	roots	Gentianaceae	Yellow gentian	Gentiane	6'-O-β-D-glucopyranosyl gentiopicroside, gentisin, loganic acid, gentiopicroside, swertiaarin, sweroside	100 mg	72968-42-4
E0013	qRE Ginkgo biloba	<i>Ginkgo biloba</i> L.	leaves	Ginkgoaceae	Ginkgo	Ginkgo	2-rhamnosyl glucosyl kaempferol, 2-rhamnosyl glucosyl kaempferol OR coumaroyl glucosyl rhamnosyl kaempferol, 2-rhamnosyl glucosyl quercetin, 2-rhamnosyl glucosyl quercetin OR coumaroyl glucosyl rhamnosyl quercetin, coumaroyl rhamnosyl glucosyl isorhamnetin, glucosyl kaempferol AND quercetin-3-rhamnoside, glucosyl rhamnosyl isorhamnetin, glucosyl-rhamnosyl kaempferol isomer, glucosyl-rhamnosyl kaempferol isomer, rhamnosyl glucosyl methymyricetin, rhamnosyl-glucosyl myricetin, quercetin-3-β-glucoside, rutin	100 mg	90045-36-6
E0081	qRE Glycine max	<i>Glycine max</i> (L.) Merr.	seeds	Fabaceae	Soybean	Soja	soya saponin Bb, soya saponin Bc, daidzin, genistin, daidzein, genistein	100 mg	8001-22-7
E0090	qRE Hamamelis virginiana	<i>Hamamelis virginiana</i> L.	leaves	Hamamelidaceae	Witch hazel	Hamamélis	neochlorogenic acid; catechin + chlorogenic acid; cryptochlorogenic acid; ethyl gallate; trigalloyl hexose; myricetin-2-O-β-glucoside; spiraeoside; isoquercitrin; kaempferol hexoside; kaempferol hexoside + quercurin; hexagalloyl hexose; heptagalloyl hexose; octagalloyl hexose; nonagalloyl hexose; decagalloyl hexose	100 mg	84696-19-5

Ref#	Product name	Botanical name	Plant part	Family	English name	French name	Quantified Substances	Packing	CAS RN
E0069	qRE Humulus lupulus	Humulus lupulus L.	female inflorescenc	Cannabaceae	Hops	Houblon	xanthohumol, isoquercitrin, astragalin, adhumulone, rutin	100 mg	8060-298-4
E0066	qRE Hypericum perforatum	Hypericum perforatum L.	flowering tops	Hypericaceae	St John's wort	Millepertuis	acetylated hyperoside derivative, catechin or epicatechin dimer, chlorogenic acid isomer, protohypericin, quercitrin, kaempferol, epicatechin, hyperoside, chlorogenic acid, miquelianin, rutin, quercetin, hyperforin, 3,8'-biapigenin	100 mg	84082-80-4
E0009	qRE Melissa officinalis	Melissa officinalis L.	leaves	Lamiaceae	Common balm	Mélisse	sagerinic acid, salvianolic acid C derivative, salvianolic acid C derivative, luteolin 3'-O-glucuronide, caffeic acid, rosmarinic acid	100 mg	84082-61-1
E0020	qRE Olea europaea	Olea europaea L.	leaves	Oleaceae	Olive tree	Olivier	oleuropein diglucoside isomer 1, oleuropein diglucoside isomer 2, verbascoside, elenolic acid glucoside, luteolin-7-glucoside, oleuropein, oleoside, rutin, oleuroside	100 mg	8001-25-0
E0106	qRE Panax ginseng	Panax ginseng C.A.Mey.	roots	Araliaceae	Ginseng	Ginseng	ginsenoside Rg1; ginsenoside Re; ginsenoside Rf; notoginsenoside R2; ginsenoside Rg2; ginsenoside Rb1; ginsenoside Rb2 isomer + Fc and/or Ra1 and/or Ra2; ginsenoside Rb2 isomer; acetylated ginsenoside Rb1	100 mg	50647-08-0
E0014	qRE Passiflora incarnata	Passiflora incarnata L.	aerial parts	Passifloraceae	Purple passionflower	Passiflore	isoschaftoside OR apigenin-6-C-pentoside-8-C-glucoside, isoschaftoside OR apigenin-6-C-pentoside-8-C-glucoside, schaftoside, vitexin-2''-O-glucoside OR isovitexin-2''-O-glucoside, vitexin, isovitexin, vicenin 2	100 mg	72968-47-9
E0091	qRE Pilosella officinarum	Pilosella officinarum Vaill.	whole plant	Asteraceae	Mouse-ear hawkweed	Piloselle	skimmin; chlorogenic acid; umbelliferone; 3,5-dicaffeoylquinic acid; luteolin; apigenin; diosmetin	100 mg	84012-22-6
E0012	qRE Plantago lanceolata	Plantago lanceolata L.	leaves	Plantaginaceae	Narrowleaf plantain	Plantain	lavandulifolioside, luteolin diheteroside, plantainoside E or F, plantainoside E or F, plantamajoside or isomer, plantamajoside or isomer, plantamajoside or isomer, verbascoside, luteolin, aucubin, luteolin-7-O-glucuronide	100 mg	85085-64-9
E0059	qRE Rhodiola rosea	Rhodiola rosea L.	roots	Crassulaceae	Roseroot	Rhodiole	rhodiosin, rosavin, cinnamyl alcohol, salidroside	100 mg	NA
E0075	qRE Ribes nigrum	Ribes nigrum L.	leaves	Grossulariaceae	Blackcurrant	Cassis	epicatechin + chlorogenic acid; myricetin glucoside + myricetin rutinoside; quercentin-3-O-galactoside; quercentin-3-O-rutinoside; quercentin-3-O-glucoside; kaempferol-3-glucoside isomer; kaempferol-3-O-rutinoside; kaempferol-3-glucoside isomer	100 mg	68606-81-5
E0087	qRE Rosmarinus officinalis	Rosmarinus officinalis L.	leaves	Lamiaceae	Rosemary	Romarin	isorhamnetin-3-O-hexoside, luteolin-3-(O-acetyl)-β-D-glucuronide isomer 1, luteolin-3-(O-acetyl)-β-D-glucuronide isomer 2, carnosol, luteolin-3-glucuronide, carnosic acid, rosmarinic acid	100 mg	84604-14-8
E0076	qRE Salvia sclarea	Salvia sclarea L.	leaves	Lamiaceae	Clary sage	Sauge sclarée	luteolin-7-glucuronide isomer; apigenin glucuronide; hispidulin-7-glucuronide; rosmarinic acid; luteolin-7-glucuronide isomer	100 mg	84775-83-7
E0016	qRE Tanacetum parthenium	Tanacetum parthenium (L.) Sch.Bip.	flowering aerial par	Asteraceae	Feverfew	Grande camomille	3,5-dicaffeoylquinic acid, apigenin 7-O-diglucuronide, 4,5-dicaffeoylquinic acid, apigenin, chlorogenic acid, parthenolide	100 mg	89997-65-9
E0018	qRE Taraxacum officinale	Taraxacum officinale F.H.Wigg.	roots	Asteraceae	Dandelion	Pissenlit	di-4-hydroxyphenylacetic acid inositol, dihydroxyphenylacetic acid inositol isomer, dihydroxyphenylacetic acid inositol isomer, jacquinien, chicoric acid, chlorogenic acid	100 mg	68990-74-9
E0094	qRE Trigonella officinalis	Trigonella officinalis (L.) Coulot & Rabautesterile	flowering aerial parts	Fabaceae	Yellow sweet clover	Méliot	melilotoside; clovin; robinin; coumarin; azukisaponin V carboxylate	100 mg	84082-81-5
E0007	qRE Valeriana officinalis	Valeriana officinalis L.	roots	Valerianaceae	Valerian	Valériane	acetoxyvalerenic acid, valerenic acid, valtrate	100 mg	97927-02-1
E0082	qRE Vitis vinifera	Vitis vinifera L.	leaves	Vitaceae	Wine grape	Vigne Rouge	kaempferol-3-O-glucoside isomer, kaempferol-3-O-glucoside isomer, quercetin hexoside, kaempferol, quercetin-3-O-glucoside + quercetin-3-O-glucuronide, rutin, quercetin	100 mg	84929-27-1