



MERCK

天然物/ファイトケミカル 標準物質



The life science business
of Merck operates as
MilliporeSigma in the
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Supelco®
Analytical Products

ファイトケミカル標準物質

植物由来の物質は、植物性医薬品や機能性食品またはサプリメント等として、近年重要度を増しています。

これらの製品は、天然由来の成分であり、多くの場合、伝統的な医薬品として長年にわたり安全に使用されてきたため、品質管理の必要性が見過ごされがちでした。

しかし、植物抽出物の成分プロファイルは、収穫条件や加工方法によって著しく異なることがあり、さらには、毒性のある植物種や他の汚染物質の混入の可能性も考えられます。そのため、有効成分や指標成分の濃度をモニターすることは重要です。

これらに応えるため、シグマ アルドリッチでは薬用植物の有効成分やマーカーの標準物質および認証標準物質を提供しております。現在、この製品のラインアップは600を超え、常に新製品を拡充しています。

新製品はウェブサイトから確認できます

www.sigma-aldrich.com/phytochem-jp

*Primary pharmaceutical reference standard HWI

ドイツのRülzheimにあるHWI-Analytikによって製造され、認定された製品でシグマ アルドリッチが販売している製品です。基本的に定量NMR (q-NMR) を用いて値を決定しています。さらに、クロマトグラフィーでの純度の値も記載されています。全ての不純物がクロマトグラフィーによって検出されるわけではないので、これら2つの値は、異なる可能性があります。

**TraceCERT™ certified reference material

TraceCERT™シリーズは、標準物質の生産者にとって最高の品質レベルであるISO / IEC 17025およびISO Guide 34のダブルの認定に基づき製造された認証標準物質です。有機物質のTraceCERT™シリーズは基本的に定量NMR (q-NMR) を用いて値を決定しています。また、ISO Guide 35に基づいた認証書には、証明値の他、安定性、均一性を考慮した不確かさが含まれ、提供されます。

有機物質のTraceCERT™シリーズの一覧は
こちらからご確認いただけます：

SigmaAldrich.com/organiccrm



製品リスト(植物名／アルファベット順)

物質名	カタログ番号
Acacia sp. (アカシア属)	
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Catechin 5-O-gallate	89106
(+)-Catechin*	03910590
(+)-Catechin	43412
3,3'-Di-O-methylellagic acid 4'-xylopyranoside	90905
Epicatechin*	03940590
(-)-Epicatechin	68097
Epicatechin 3-gallate (-)*	03950590
Epigallocatechin gallate*	03970590
(-)-Epigallocatechin gallate	93894
Gallic acid**	91215
(-)-Gallocatechin	01388
Geraniol	48798
Hordenine	61207
Hyperoside*	00180585
Isovitexin*	01120590
Isovitexin	67135
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
(±)-Naringenin	52186
Oleanolic acid*	03920590
Oleanolic acid	42515
p-Hydroxybenzoic acid	PHR1048
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Rutin trihydrate*	00300590
Salicylic acid**	52341
Spiraeoside	91802
(+)-α-Terpineol	83073
Vitexin*	00840595
Vitexin	49513
Achillea sp. (ノコギリソウ属)	
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
(-)-Bornyl acetate	45855
Casticin	16382
Chamazulen	91595
1,5-Dicaffeoylquinic acid	16917
(-)-β-Elementene	63965
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Rutin trihydrate*	00300590
Scopoletin	38332
Aesculus sp. (トチノキ属)	
Allantoin	93791
Esculin hydrate	06212
Fraxin	80533
Kaempferol*	00550580
Kaempferol	96353
Quercetin dihydrate*	00200595
Allium sp. (アリウム属、ネギ属)	
(+)-L-Alliin	72805
trans-Ferulic acid**	52229

物質名	カタログ番号
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Protocatechuic acid*	03930590
Protocatechuic acid	08992
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Resorcinol**	53363
Spiraeoside	91802
Aloe sp. (アロエ属)	
Aloe-emodin	93938
Aloenin A	41757
Aloin A	50292
Chrysophanol	01542
Salicylic acid**	52341
Ammi sp. (アンミ属)	
Khellin	00899
Anacardium sp. (アナカルディウム属)	
(15:0)-Anacardic acid	05506
Cardanol	04016
5-Pentadecylresorcinol	91822
Protocatechuic acid*	03930590
Protocatechuic acid	08992
Andrographis sp. (アンドログラフィス属)	
Andrograpanin	19443
Andrographolide	90281
14-Deoxy-11,12-didehydroandrographolide	55549
7-O-Methylwogonin	41442
Neoandrographolide	49879
Angelica sp. (アンゼリカ属、シシウド属)	
Angelicin	18118
Bergapten	69664
(-)-α-Bisabolol*	00320188
(-)-α-Bisabolol	95426
(+)-Borneol	68878
Biacangelicin	77686
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
Chlorogenic acid*	00500590
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Eugenol**	79891
Eugenol*	01050595
Eugenol	35995
trans-Ferulic acid**	52229
Fumaric acid**	76635
8-Geranyloxypsoralen	40594
Hesperidin	50162
Isoimperatorin	68771
Isopimpinellin	61419
(-)-α-Pinene	80599
α-Pinene*	00040590
(+)-β-Pinene	80607
Psoralen	73633
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Scopoletin	38332
Umbelliferone	54826
Vanillic acid**	68654
Xanthotoxin	56448

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

Arctostaphylos sp. (クマコケモモ属) ~ Boswellia sp. (ボスヴェリア属)

物質名	カタログ番号
Arctostaphylos sp. (クマコケモモ属)	
Arbutin	66468
(+)-Catechin*	03910590
(+)-Catechin	43412
Corilagin	75251
Ellagic acid	14668
Gallic acid**	91215
Hydroquinone	74347
Hyperoside*	00180585
Myricetin	72576
Myricitrin	67268
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Rutin trihydrate*	00300590
Ursolic acid*	03240595
Ursolic acid	89797
Armoracia sp. (セイヨウワサビ属)	
(-)-Sinigrin hydrate	00290
Arnica sp. (アルニカ属、ウサギギク属)	
Chlorogenic Acid*	00500590
Cynarin	91801
1,5-Dicaffeoylquinic acid	16917
Isoquercitrin*	00140585
Kaempferide	69545
Matairesinol	04157
Naringenin 4',7-dimethylether	76716
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
(-)- α -Santonin	53653
Artemisia sp. (ヨモギ属)	
Artemisinin	69532
(-)- α -Bisabolol*	00320188
(-)- α -Bisabolol	95426
(+)-Borneol	68878
(-)-Bornyl acetate	45855
Camphor (dl)*	02070595
Camphene	442505
Casticin	16382
Chlorogenic acid*	00500590
Cirsilineol	67403
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Eupalitin	66324
Isofraxidin	91214
Matricin	77347
Naringenin 4',7-dimethylether	76716
α -Pinene	80599
α -Pinene*	00040590
Resorcinol**	53363
Rutin trihydrate	00300590
Scopoletin	38332
Sesamin	59867
Aspalathus sp. (アスパラトウス属)	
Aspalathin	03520585
Orientin	55736
Quercetin 3-glucoside	16654
Quercitrin	00740580
Asparagus sp. (アスパラガス属)	
Chelidonic acid	49526
Hyperoside	00180585

物質名	カタログ番号
Quercetin 3-glucoside	16654
Rutin trihydrate*	00300590
Shatavarin IV	30151
Azadirachta sp. (アザディラクタ属)	
2',3'-Dehydrosalannol	80098
Kaempferol*	00550580
Kaempferol	96353
Quercetin dihydrate*	00200595
Bacopa sp. (バコパ属、ステラ属)	
Bacopasaponin C	76092
Bacopaside I	56619
Bacopaside X	42488
Bacopaside-II	44698
Bacoside A, mixture of Bacoside A3, Bacopaside II, Bacopaside X and Bacopasaponin C	76091
Bacoside A3	53889
Bacosine	69528
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Genistein	92136
Kaempferol*	00550580
Kaempferol	96353
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Rutin trihydrate*	00300590
Scopoletin	38332
Tectoridin	89948
Tectorigenin	67359
Betula sp. (カバノキ属)	
Betulin	92648
Betulin 3,28-diacetate	59919
Betulinic acid	91466
trans-Caffeic acid**	51868
(+)-Catechin*	03910590
(+)-Catechin	43412
Chlorogenic Acid*	00500590
Hyperoside*	00180585
Lupeol	18692
Myricitrin*	02180585
Myricitrin	67268
Pyrogallol	06931
Quercetin 3-glucuronide*	00310590
Quercetin 3-O-glucuronid	90733
Quercitrin*	00740580
Rutin trihydrate*	00300590
Salicylic acid**	52341
Scutellarin	73577
Vanillic acid**	68654
Boerhaavia sp. (ボエルハビア属)	
Boeravinone B	96844
Eupalitin	66324
Eupalitin 3-O- β -D-galactopyranoside	89165
Boswellia sp. (ボスヴェリア属)	
3-O-Acetyl- β -boswellic acid	49873
3-O-Acetyl-11-keto- β -boswellic acid	74607
3-O-Acetyl- α -boswellic acid	56208
3-O-Acetylboswellic acid, mixture of α and β	96729
(+)-Borneol	68878
(-)-Bornyl acetate	45855
β -Boswellic acid	80342
Boswellic acid, mixture of α and β	63850
α -Boswellic acid	06813

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物質名	カタログ番号
(+)-Catechin*	03910590
(+)-Catechin	43412
Elemolic acid, mixture of α and β	73527
β -Elemonic acid	00708
11-Keto- b-boswellic acid	78535
Lupeol	18692
α -Pinene	80599
α -Pinene*	00040590
Serratol	78689
Brassica sp. (アブラナ属)	
trans-Ferulic acid**	52229
Lutein	07168
trans-Sinapic acid	93878
(-)-Sinigrin hydrate	00290
Calendula sp. (キンセンカ属)	
Allantoin	93791
trans-Caffeic acid**	51868
trans-p-Coumaric acid	55823
trans-Ferulic acid**	52229
Hyperoside*	00180585
Isorhamnetin	38907
Oleanolic acid*	03920590
Oleanolic acid	42515
Protocatechuic acid*	03930590
Protocatechuic acid	08992
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Rutin trihydrate*	00300590
Scopoletin	38332
Umbelliferone	54826
Camellia sp. (ツバキ属)	
Camellia sinensis extract	05495001
trans-Caffeic acid**	51868
Caffeine**	56396
(+)-Catechin*	03910590
(+)-Catechin	43412
trans-p-Coumaric acid	55823
Epigallocatechin	03960590
(-)-Epigallocatechin*	08108
Gallic acid**	91215
(-)-Galocatechin	01388
(-)-Galocatechin gallate	80352
Theaflavin	55016
Theaflavin monogallate	53963
Theaflavin 3,3'-digallate	92223
Theophylline	PHR1023
Cannabis sp. (アサ属)	
Hordenine	61207
Isovitexin*	01120590
Isovitexin	67135
Methyl eugenol	04607
α -Pinene	80599
α -Pinene*	00040590
(+)- β -Pinene	80607
Tetrahydrocannabinol(delta9)	56296
Trigonelline hydrochloride	61407
Vitexin*	00840595
Vitexin	49513
Capsicum sp. (トウガラシ属)	
Apigenin*	01760595
Apigenin	42251
Capsaicin	12084
Dihydrocapsaicin	03813
Esculin hydrate	06212

物質名	カタログ番号
Isovitexin*	01120590
Isovitexin	67135
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
N-Vanillylnonamide	15971
Orientin*	03810585
Orientin	55736
Scopoletin	38332
Vitexin*	00840595
Vitexin	49513
Carica sp. (パパイア属)	
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Geraniol	48798
Carum sp. (カルム属)	
Bergapten	69664
(-)-Carveol, mixture of isomers	61370
(-)-Carvone*	00290595
(+)-Carvone**	79245
(+)-Carvone	22070
Chlorogenic acid*	00500590
Cryptochlorogenic acid	90467
(+)-Dihydrocarvone, mixture of isomers	09164
(R)-(+)-Limonene	62118
Neochlorogenic acid	91213
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercetin 3-glucuronide*	00310590
Quercetin 3-O-glucuronid	90733
Salicylic acid**	52341
trans-Sinapic acid	93878
Vanillic acid**	68654
Xanthotoxin	56448
Cassia sp. (カワラケツメイ属、カシヤ属)	
Aloe-emodin	93938
(+)-Catechin*	03910590
(+)-Catechin	43412
Chrysophanol	01542
Dihydrokaempferol	92204
Emodin	30269
Isorhamnetin	38907
Kaempferol*	00550580
Kaempferol	96353
Physcion	93893
Rhein	30873
Rubiadin	74553
Sennoside A*	01870575
Sennoside B*	00530580
Sennosid C	73235
Sennoside D	16383
Chamomilla sp. (カモミラ属)	
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
(-)- α -Bisabolol*	00320188
(-)- α -Bisabolol	95426
Bisabolol oxide A*	00630590
Bisabolol oxide A	59761
(+)-Borneol	68878
(-)-Bornyl acetate	45855

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物質名	カタログ番号
trans-Caffeic acid*	51868
Chamazulen	91595
Luteolin*	03880590
Luteolin	72511
Matricin	77347
Quercetin dihydrate*	00200595
Umbelliferone	54826
Vanillic acid**	68654
<i>Cichorium</i> sp. (キクニガナ属)	
trans-Caffeic acid**	51868
Caftaric acid	88656
(-)-Chicoric acid	06957
Chlorogenic acid*	00500590
trans-p-Coumaric acid	55823
Esculin hydrate	06212
trans-Ferulic acid**	52229
Hyperoside*	00180585
Isorhamnetin	38907
Kaempferol 3-glucoside	68437
Quercetin 3-glucoside	16654
Quercetin 3-glucuronide*	00310590
Quercetin 3-O-glucuronid	90733
Quercitrin*	00740580
Scopoletin	38332
Umbelliferone	54826
<i>Cimicifuga</i> sp. (サラシナショウマ属)	
Friedelin	92187
Kaempferol*	00550580
Kaempferol	96353
<i>Cinchona</i> sp. (キナノキ属)	
Epiquinidine	00998
Epiquinine	89457
<i>Cinnamomum</i> sp. (ニッケイ属)	
Quinine**	69311
Benzyl benzoate**	55177
Benzyl benzoate	68183
(+)-Borneol	68878
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
(-)-trans-Caryophyllene	75541
(+)-Catechin*	03910590
(+)-Catechin	43412
trans-Cinnamaldehyde	06536
trans-Cinnamic acid	97013
Cinnamyl acetate	42759
Cinnamyl alcohol	93066
m-Coumaric acid	92649
trans-p-Coumaric acid	55823
Coumarin**	72609
Coumarin*	01260595
Epicatechin*	03940590
(-)-Epicatechin	68097
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Eugenol**	79891
Eugenol*	01050595
Eugenol	35995
trans-Ferulic acid**	52229
Kaempferol*	00550580
Kaempferol	96353
Linalool**	61706
Linalool	51782

物質名	カタログ番号
trans-p-Methoxycinnamaldehyde	61384
Methyl eugenol	04607
α -Pinene	80599
α -Pinene*	00040590
Procyanidin B1	19542
Procyanidin B2	42157
Procyanidin C1	50878
Protocatechuic acid*	03930590
Protocatechuic acid	08992
Salicylic acid*	52341
trans-Sinapic acid	93878
(+)- α -Terpineol	83073
Vanillic acid*	68654
<i>Citrus</i> sp. (ミカン属、カンキツ属)	
Bergamottin	01338
Bergapten	69664
Bergaptol	62707
(-)- α -Bisabolol*	00320188
(-)- α -Bisabolol	95426
Biacangelicin	77686
trans-Caffeic acid**	51868
Caffeine**	56396
(-)-Carvone*	00290595
(+)-Carvone**	79245
(+)-Carvone	22070
(-)-trans-Caryophyllene	75541
Citropten	08941
trans-p-Coumaric acid	55823
p-Cymene**	49679
p-Cymene	30039
Didymin	38964
Dimethyl anthranilate	49919
Diosmetin	90985
Diosmin	61386
Eleutheroside B	90974
6',7'-Epoxybergamottin	69779
Eriodictyol	89061
trans, trans-Farnesol	92386
trans-Ferulic acid**	52229
Friedelin	92187
Geranyl Acetate	45896
8-Geranyloxypsoralen	40594
($\pm$)-Hesperetin	51864
Hesperidin	50162
Isoimperatorin	68771
Isopimpinellin	61419
Isovitexin*	01120590
Isovitexin	67135
(R)-(+)-Limonene	62118
Limonin	64081
Linalool**	61706
Linalool*	00350190
Linalool	51782
Linalyl acetate	49599
Myrcene	64643
($\pm$)-Naringenin	52186
Naringin	91842
Neohesperidin	40927
trans-Nerolidol	18143
Neryl acetate	46015
Nobiletin	92600
Nomilin	77518
Obacunone	74191
Octanal	52466

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

物質名	カタログ番号
Poncirin	77536
Sabinene hydrate	96573
trans-Sinapic acid	93878
Sinensetin	89392
Synephrine	75256
Tangeretin	91004
Taxifolin**	03890585
Taxifolin	78666
γ-Terpinene	86476
Theophylline	PHR1023
Umbelliferone	54826
(+)-Valencene	06808
Xanthotoxin	56448
Coleus sp. (コリウス属)	
Crocin dialdehyde	18804
1,9-Dideoxyforskolin	92589
Forskolin	93049
Isoforskolin	94597
Commiphora sp. (コンミフォラ属)	
(E)-Guggulsterone	68797
(Z)-Guggulsterone	78251
Linalool**	61706
Linalool*	00350190
Linalool	51782
α-Pinene*	80599
α-Pinene	00040590
Sesamin	59867
Crataegus sp. (サンザシ属)	
Crataegus spp extract	05095001
trans-Caffeic acid**	51868
(+)-Catechin*	03910590
(+)-Catechin	43412
Chlorogenic Acid*	00500590
Epicatechin*	03940590
(-)-Epicatechin	68097
Hyperoside*	00180585
Kaempferol*	00550580
Kaempferol	96353
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Oleanolic acid*	03920590
Oleanolic acid	42515
Procyanidin A2	28660
Procyanidin B1	19542
Procyanidin C1	50878
Rutin trihydrate*	00300590
Spiraeoside	91802
Ursolic acid*	03240595
Ursolic acid	89797
Vanillic acid 4-β-D-glucoside	14515
Vitexin*	00840595
Vitexin	49513
Vitexin 2-O-rhamnoside*	00660585
Vitexin 4''-O-glucoside	43907
Curcuma sp. (ウコン属)	
(+)-Borneol	68878
Camphor (dl)*	02070595
Camphene	442505
trans-Cinnamic acid	97013
trans-p-Coumaric acid	55823
Curcumin*	00280590
Curcumin	08511

物質名	カタログ番号
(-)-Curcumol	36236
Demethoxycurcumin	90593
Ethyl trans-4-methoxycinnamate	42479
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Hexahydrocurcumin	69727
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Tetrahydrocurcumin	50202
(S)-ar-Turmerone	42258
Vanillic acid**	68654
Cynara sp. (チョウセンアザミ属)	
trans-Caffeic acid**	51868
Chlorogenic Acid*	00500590
Cryptochlorogenic acid	90467
Cynarin	91801
1,5-Dicaffeoylquinic acid	16917
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Neochlorogenic acid	91213
Rutin trihydrate*	00300590
Echinacea sp. (ムラサキバレンギク属)	
Betaine**	30056
(+)-Borneol	68878
(-)-Bornyl acetate	45855
Caftaric acid	88656
(-)-Chicoric acid	06957
Chlorogenic acid*	00500590
Cynarin	91801
Echinacoside*	01710580
Echinacoside	07538
Kaempferol*	00550580
Kaempferol	96353
Kuromanin chloride (Chrysanthemin)	44689
α-Pinene	80599
α-Pinene*	00040590
Quercetin dihydrate*	00200595
Rutin trihydrate*	00300590
Verbascoside*	00820580
Eclipta sp. (タカサブロウ属)	
Eclalbasaponin I	79736
Eclalbasaponin II	77084
Eleutherococcus sp. (ウコギ属)	
trans-Caffeic acid**	51868
Chlorogenic Acid*	00500590
Isofraxidin	91214
Eleutheroside E	08198
Oleanolic acid*	03920590
Oleanolic acid	42515
Eleutheroside B	90974
Epilobium sp. (アカバナ属)	
Hyperoside*	00180585
Kaempferol*	00550580
Kaempferol	96353
Myricetin	72576
Myricitrin	67268
Oenothien B	03805
Oleanolic acid*	03920590
Oleanolic acid	42515
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

物質名	カタログ番号
Quercitrin*	00740580
Ursolic acid*	03240595
Ursolic acid	89797
<i>Equisetum</i> sp. (トクサ属)	
Apigenin*	01760595
Apigenin	42251
Dihydrokaempferol	92204
Kaempferol 3-glucoside	68437
Luteolin*	03880590
Luteolin	72511
(±)-Naringenin	52186
Quercetin 3-glucoside	16654
Taxifolin*	03890585
Taxifolin	78666
<i>Eucalyptus</i> sp. (ユーカリ属)	
Camphor (dl)*	02070595
Camphene	442505
(+)-Catechin*	03910590
(+)-Catechin	43412
Ellagic acid	14668
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Gallic acid*	91215
Hyperoside*	00180585
Kaempferol*	00550580
Kaempferol	96353
Myricetin	72576
α-Pinene	80599
α-Pinene*	00040590
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Rutin trihydrate*	00300590
Sabinene hydrate	96573
<i>Foeniculum</i> sp. (フオエニクルム属、ウイキョウ属)	
4-Allylanisole (Estragole)	05818
trans-Anethol	10368
trans-Anethol*	00130595
p-Anisaldehyde**	43621
p-Anisaldehyde	97063
Bergapten	69664
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
Chlorogenic Acid*	00500590
trans-Cinnamic acid	97013
1,5-Dicaffeoylquinic acid	16917
(+)-Fenchone*	00380590
(+)-Fenchone	46208
trans-Ferulic acid	52229
Fumaric acid**	76635
Isorhamnetin	38907
Kaempferol*	00550580
Kaempferol	96353
(R)-(+)-Limonene	62118
Oleanolic acid*	03920590
Oleanolic acid	42515
(-)-α-Pinene	80599
α-Pinene*	00040590
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Psoralen	73633
Quercetin 3-glucoside	16654

物質名	カタログ番号
Quercetin dihydrate	00200595
Quercetin 3-glucuronide*	00310590
Quercetin 3-O-glucuronid	90733
Rutin trihydrate*	00300590
Scopoletin	38332
Umbelliferone	54826
Vanillic acid**	68654
Xanthotoxin	56448
<i>Galium</i> sp. (ヤエムグラ属)	
Apigenin*	01760595
Apigenin	42251
trans-Caffeic acid**	51868
Chlorogenic Acid*	00500590
Coumarin**	72609
Coumarin*	01260595
Diosmetin	90985
Gallic acid**	91215
Hesperidin	50162
Kaempferol*	00550580
Kaempferol	96353
Luteolin*	03880590
Luteolin	72511
Myricetin	72576
Quercetin 3-glucoside	16654
Rubiadin	74553
Rutin trihydrate*	00300590
Salicylic acid**	52341
Scopoletin	38332
<i>Garcinia</i> sp. (フクギ属 ガルシニア属)	
Amentoflavone	18571
Betulin	92648
(+)-Garcinia acid	44292
(-)-Calcium hydroxycitrate tribasic	75450
Kuromanin chloride (Chrysanthemin)	44689
<i>Gentiana</i> sp. (リンドウ属)	
Isoorientin	78109
Isovitexin*	01120590
Isovitexin	67135
Mangiferin	06279
Swertiamarine	90957
<i>Ginkgo</i> sp. (イチョウ属)	
Ginkgo Biloba extract	05485001
Amentoflavone	18571
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Benzyl alcohol**	39971
Benzyl alcohol	08421
(-)-Bilobalide	79593
Dihydrokaempferol	92204
Epicatechin*	03940590
(-)-Epicatechin	68097
Epigallocatechin*	03960590
(-)-Epigallocatechin	08108
Ginkgolic acid C13:0	49962
Ginkgolic acid C15:1*	02580185
Ginkgolic acid C17:1*	01390590
Ginkgolide A*	00770590
Ginkgolide B	94970
Ginkgolide C	18309
Ginkgolide J	89556
Ginkgotoxin	89960
Isorhamnetin	38907
Kaempferol*	00550580
Kaempferol	96353

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

物質名	カタログ番号
Kaempferol 3-glucoside	68437
Luteolin*	03880590
Luteolin	72511
N-Malonyl-DL-tryptophan	77556
Protocatechuic acid*	03930590
Protocatechuic acid	08992
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Rutin trihydrate*	00300590
Shikimic acid	69686
Thymol*	00670590
Thymol	72477
Vanillic acid**	68654
Glycine sp. (ダイズ属)	
Daidzein	16587
Daidzin	42926
Fumaric acid**	76635
Genistein	92136
Genistin	73822
N-Malonyl-DL-tryptophan	77556
β -Sitosterol	43623
β -Sitosterol β -D-glucoside	89851
Vitexin*	00840595
Vitexin	49513
Vitexin 2-O-rhamnoside*	00660585
Glycyrrhiza sp. (カンゾウ属)	
Betulinic acid	91466
Docosyl caffeate	40971
Genistein	92136
Genistin	73822
Glycyrrhizic acid ammonium salt*	01250570
Glycyrrhizic acid ammonium salt	91443
Isoliquiritigenin	38986
Isorhamnetin	38907
Isovitexin*	01120590
Isovitexin	67135
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Lupeol	18692
($\pm$)-Naringenin	52186
Quercetin dihydrate*	00200595
Rutin trihydrate*	00300590
Scopoletin	38332
Umbelliferone	54826
Vitexin*	00840595
Vitexin	49513
Gossypium sp. (ワタ属)	
trans-Caffeic acid**	51868
(+)-Catechin*	03910590
(+)-Catechin	43412
Chlorogenic acid*	00500590
Kaempferide	69545
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Kuromanin chloride (Chrysanthemin)	44689
Quercitrin*	00740580
Rutin trihydrate*	00300590
β -Sitosterol	43623
β -Sitosterol β -D-glucoside	89851

物質名	カタログ番号
Gymnema sp. (ギムネマ属)	
Deacylgymnemic acid	40501
Gymnemangenin	52181
Hamamelis sp. (マンサク属)	
trans-Caffeic acid**	51868
(+)-Catechin*	03910590
(+)-Catechin	43412
Epigallocatechin gallate*	03970590
(-)-Epigallocatechin gallate	93894
Gallic acid**	91215
(-)-Gallocatechin	01388
Hamamelitannin	04646
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Myricetin	72576
Myricitrin	67268
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Spiraeoside	91802
Harpagophytum sp. (ハルバゴフィツム属)	
Harpagophytum procumbens extract	05125001
Harpagoside*	00420580
Verbascoside*	00820580
Hedera sp. (キツタ属)	
trans-Caffeic acid**	51868
Chlorogenic acid*	00500590
trans-p-Coumaric acid	55823
trans-Ferulic acid	52229
Hederacoside C*	00930585
Hederacoside C	79737
α -Hederin*	01240585
α -Hederin	07512
Oleanolic acid*	03920590
Oleanolic acid	42515
Quercetin 3-glucoside	16654
Rutin trihydrate*	00300590
Apigenin 7-glucoside*	00720585
Humulus sp. (フムルス属、カラハナソウ属)	
Apigenin 7-glucoside	44692
trans-Caffeic acid**	51868
Chlorogenic Acid*	00500590
trans-p-Coumaric acid	55823
Epicatechin*	03940590
(-)-Epicatechin	68097
trans-Ferulic acid**	52229
Gallic acid**	91215
Hulupinic acid*	01090595
α -Humulene	12448
Isoxanthohumol	55423
Kaempferol 3-glucoside	68437
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
2-Methyl-3-buten-2-ol	05392
Neochlorogenic acid	91213
6-Prenylnaringenin	75602
8-Prenylnaringenin	75119
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin 3-glucoside	16654
Rutin trihydrate*	00300590
Vanillic acid**	68654

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

物質名	カタログ番号
Vitexin*	00840595
Vitexin	49513
Xanthohumol	01130595
<i>Huperzia</i> sp. (コスギラン属)	
(-)-Huperzine A	42643
<i>Hypericum</i> sp. (オトギリソウ属)	
Hypericum perforatum extract	05295001
Amentoflavone	18571
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Avicularin	44006
I3,I8-Biapigenin	73962
(+)-Catechin*	03910590
(+)-Catechin	43412
Chlorogenic Acid*	00500590
Hypericin*	00190585
Hyperoside*	00180585
Kaempferol*	00550580
Kaempferol	96353
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Mangiferin	06279
Myricetin	72576
Orientin*	03810585
Orientin	55736
Oxybenzone	59647
Procyanidin B2	42157
Quercetin 3-glucoside	16654
Quercetin dihydrate	00200595
Quercitrin	00740580
<i>Illicium</i> sp. (シキミ属)	
4-Allylanisole (Estragole)	05818
trans-Anethol	10368
trans-Anethol*	00130595
p-Anisaldehyde**	43621
p-Anisaldehyde	97063
Anisatin	80478
trans-Caffeic acid**	51868
(+)-Catechin*	03910590
(+)-Catechin	43412
1,4-Cineole	27393
trans-p-Coumaric acid	55823
Epicatechin*	03940590
(-)-Epicatechin	68097
Epigallocatechin*	03960590
(-)-Epigallocatechin	08108
(+)-Fenchone	00380590
(+)-Fenchone	46208
trans-Ferulic acid**	52229
Hyperoside*	00180585
Kaempferol 3-glucoside	68437
Linalool**	61706
Linalool*	00350190
Linalool	51782
Methyl eugenol	04607
Protocatechuic acid*	03930590
Protocatechuic acid	08992
Quercetin 3-glucoside	16654
Quercitrin*	00740580
Rutin trihydrate*	00300590
Shikimic acid	69686

物質名	カタログ番号
(+)- α -Terpineol	83073
Vanillic acid**	68654
<i>Justicia</i> sp. (キツネノマゴ属)	
Vanillic acid**	68654
Vasicine	92951
<i>Lagerstroemia</i> sp. (サルスベリ属)	
Corosolic acid	89067
3-O-Methylelagic acid	93026
<i>Lavandula</i> sp. (ラヴァンデュラ属)	
Betulinic acid	91466
(+)-Borneol	68878
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
Coumarin**	72609
Coumarin*	01260595
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
trans-Isoferulic acid	05407
Lavandulol	42583
(R)-(+)-Limonene	62118
Linalool**	61706
Linalool*	00350190
Linalool	51782
Linalyl acetate	49599
Lupeol	18692
Luteolin*	03880590
Luteolin	72511
3-Octanone	46214
Oleanolic acid*	03920590
Oleanolic acid	42515
(+)- β -Pinene	80607
Protocatechuic acid*	03930590
Protocatechuic acid	08992
Rosmarinic acid*	00390580
trans-Sinapic acid	93878
Terpinen 4-ol*	03900590
(-)-Terpinen-4-ol	49598
(+)- α -Terpineol	83073
Umbelliferone	54826
Ursolic acid*	03240595
Ursolic acid	89797
Vanillic acid**	68654
Vitexin	00840595
Vitexin	49513
<i>Lycium</i> sp. (クコ属)	
Kaempferol*	00550580
Kaempferol	96353
Quercetin dihydrate*	00200595
Rutin trihydrate*	00300590
Scopoletin	38332
Vanillic acid**	68654
Withanolide A	74776
Withanolide B	94284
<i>Magnolia</i> sp. (モクレン属)	
(-)-Bornyl acetate	45855
Camphene	442505
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Honokiol	42612
α -Pinene	80599

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物質名	カタログ番号
α -Pinene*	00040590
(+)- β -Pinene	80607
Sesamin	59867
(+)- α -Terpineol	83073
Malus sp. (リンゴ属)	
trans-Caffeic acid**	51868
(+)-Catechin*	03910590
(+)-Catechin	43412
trans-p-Coumaric acid	55823
Epicatechin*	03940590
(-)-Epicatechin	68097
(-)-Gallocatechin	01388
Hyperoside*	00180585
Phloretin	91897
Phloridzin dihydrate	79589
Procyanidin B1	19542
Procyanidin B2	42157
Procyanidin C1	50878
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Rutin trihydrate*	00300590
Mangifera sp. (マンゴー属)	
Iriflophenone 3-C- β -D-glucopyranoside	91627
3 β -Taraxerol	75934
Matricaria sp. (シカギク属)	
Apigenin*	01760595
Apigenin	42251
(-)- α -Bisabolol*	00320188
(-)- α -Bisabolol	95426
Chamazulen	91595
Luteolin*	03880590
Luteolin	72511
Matricin	77347
Melilotus sp. (シナガワハギ属)	
(+)-Borneol	68878
(-)-Bornyl acetate	45855
trans-p-Coumaric acid	55823
Coumarin**	72609
Coumarin*	01260595
Protocatechuic acid*	03930590
Protocatechuic acid	08992
Salicylic acid*	52341
Scopoletin	38332
trans-Sinapic acid	93878
(+)- α -Terpineol	83073
Thujone Standard Mixture	04314
Umbelliferone	54826
Vanillic acid**	68654
Melissa sp. (セイヨウヤマハッカ属)	
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Betulonic acid	91466
trans-Caffeic acid**	51868
(-)-trans-Caryophyllene	75541
Chlorogenic Acid*	00500590
($\pm$)-Citronellal	72638
trans-p-Coumaric acid	55823
trans-Ferulic acid**	52229
Geraniol	48798
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Oleanolic acid*	03920590
Oleanolic acid	42515

物質名	カタログ番号
Protocatechuic acid*	03930590
Protocatechuic acid	08992
Quercetin 3-glucoside	16654
Rosmarinic acid*	00390580
Salicylic acid**	52341
trans-Sinapic acid*	93878
Ursolic acid	03240595
Ursolic acid	89797
Vanillic acid**	68654
Mentha sp. (ハッカ属、ミント属、メンタ属)	
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
trans-Caffeic acid*	51868
Camphor (dl)*	02070595
Camphene	442505
(+)-Carvone**	79245
(-)-Carvone*	00290595
(-)-Carvone	22060
(+)-Carvone	22070
trans-p-Coumaric acid	55823
Diosmetin	90985
Diosmin	61386
Eriocitrin	94113
Eriodictyol	89061
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
trans-Ferulic acid**	52229
Geraniol	48798
Hesperidin	50162
(1S,2R,5R)-(+)-Isomenthol	59802
(-)-Isopulegol*	04570595
(-)-Isopulegol	59770
Jasmon	59975
(R)-(+)-Limonene	62118
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
(+)-Menthofuran*	04580595
(+)-Menthofuran	63661
(-)-Menthyl	00580590
(-)-Menthyl	63660
(-)-Menthone	63677
(1R)-(-)-Menthyl acetate	45985
(+)-Pulegone*	04620590
(+)-Pulegone	82569
Rosmarinic acid*	00390580
(+)- α -Terpineol	83073
Ursolic acid*	03240595
Ursolic acid	89797
Momordica sp. (ツルレイシ属、ニガウリ属)	
Vicine	78260
Murraya sp. (ゲッキツ属)	
Koenigicine	94500
Koenimbine	41096
Mahanimbine	77875
Myristica sp. (ニクズク属)	
(+)-Borneol	68878
Kaempferol*	00550580
Kaempferol	96353
(R)-(+)-Limonene	62118

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物質名	カタログ番号
Myristicin	09237
(-)- α -Pinene	80599
α -Pinene*	00040590
(+)- β -Pinene	80607
Sabinene hydrate	96573
Terpinen 4-ol*	03900590
(-)-Terpinen-4-ol	49598
γ -Terpinene	86476
(+)- α -Terpineol	83073
Myroxylon sp. (バルサムノキ属)	
Benzyl cinnamate	69139
Methyl trans-cinnamate	75032
Nerium sp. (ネリウム属、キョウチクトウ属)	
Betulin	92648
Betulinic acid	91466
Oleandrin	06069
Oleanolic acid*	03920590
Oleanolic acid	42515
Rutin trihydrate*	00300590
Ursolic acid*	03240595
Ursolic acid	89797
Ocimum sp. (メボウキ属)	
Apigenin*	01760595
Apigenin	42251
Cirsilineol	67403
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Isoeugenol	34038
Methyl eugenol	04607
Orientin*	03810585
Orientin	55736
Ursolic acid*	03240595
Ursolic acid	89797
Olea sp. (オリーブ属)	
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Betulinic acid	91466
trans-Caffeic acid*	51868
trans-Cinnamic acid	97013
trans-p-Coumaric acid	55823
Esculin hydrate	06212
trans-Ferulic acid**	52229
Kaempferol*	00550580
Kaempferol	96353
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Maslinic acid	68594
Oleanolic acid*	03920590
Oleanolic acid	42515
Oleuropein	92167
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Rutin trihydrate*	00300590
Scopoletin	38332
Vanillic acid**	68654
Ononis sp. (オノニス属)	
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585

物質名	カタログ番号
Apigenin 7-glucoside	44692
trans-Caffeic acid**	51868
trans-Cinnamic acid	97013
trans-p-Coumaric acid	55823
trans-Ferulic acid**	52229
Gallic acid**	91215
Genistein	92136
Hyperoside*	00180585
Kaempferol*	00550580
Kaempferol	96353
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Myricitrin	67268
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Resorcinol**	53363
Rutin trihydrate*	00300590
trans-Sinapic acid	93878
Vanillin**	30304
Vitexin*	00840595
Vitexin	49513
Paeonia sp. (ボタン属)	
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Paeoniflorin	75603
Quercetin dihydrate*	00200595
Panax sp. (トチバニンジン属)	
Panax ginseng extract*	05115001
Ginsenoside Rb1*	00170580
Ginsenoside Rb2	41868
Ginsenoside Rb3	42635
Ginsenoside Rd	01518
Ginsenoside Re*	03000590
Ginsenoside Re	77960
Ginsenoside Rf*	01580590
Ginsenoside Rg1*	00370580
Ginsenoside Rg2	08171
Ginsenoside Rg3	64139
Ginsenoside Rh1	56805
Notoginsenoside R1	77089
Protopanaxadiol	62685
Protopanaxatriol	42476
Pseudoginsenoside F11	67530
Vanillic acid**	68654
Papaver sp. (ケシ属)	
Fumaric acid**	76635
Papaverine hydrochloride	PHR1182
Quercetin 3-glucoside	16654
Vanillic acid**	68654
Passiflora sp. (トケイソウ属)	
Passiflora incarnata extract	05085001
Apigenin*	01760595
Apigenin	42251
Chrysin	95082
Geraniol	48798
Isorientin	78109
Hyperoside*	00180585
Isorientin*	03820585

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

物質名	カタログ番号
Isovitexin	01120590
Isovitexin	67135
Oleanolic acid*	03920590
Oleanolic acid	42515
Orientin*	03810585
Orientin	55736
Schaftoside	42925
Scopoletin	38332
(+)- α -Terpineol	83073
Umbelliferone	54826
Vitexin*	00840595
Vitexin	49513
Pelargonium sp. (テンジクアオイ属)	
Umckalin	50792
Peumus sp. (ペウムス属)	
Boldine	67592
Phyllanthus sp. (コミカンソウ属)	
Chebulagic acid	69455
Friedelin	92187
1-O-Galloyl- β -D-glucose	69288
Hypophyllanthin	75142
Phyllanthin	75110
Pimpinella sp. (ミツバグサ属)	
4-Allylanisole (Estragole)	05818
Anethol trans	10368
Anethol trans*	00130595
Angelicin	18118
p-Anisaldehyde**	43621
p-Anisaldehyde	97063
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Bergapten	69664
trans-Caffeic acid**	51868
Chlorogenic Acid*	00500590
Cryptochlorogenic acid	90467
(+)-Fenchone*	00380590
(+)-Fenchone	46208
Fumaric acid**	76635
Isoorientin	78109
Isoorientin*	03820585
Isopimpinellin	61419
Isovitexin*	01120590
Isovitexin	67135
Kaempferol*	00550580
Kaempferol	96353
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Neochlorogenic acid	91213
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercetin 3-glucuronide*	00310590
Quercetin 3-O-glucuronid	90733
Rutin trihydrate*	00300590
Scopoletin	38332
(+)- α -Terpineol	83073
Umbelliferone	54826
Vanillic acid**	68654
Vanillic acid 4- β -D-glucoside	14515

物質名	カタログ番号
Xanthotoxin	56448
Pinus sp. (マツ属)	
(+)-Borneol	68878
(-)-Bornyl acetate	45855
Camphene	442505
(-)-trans-Caryophyllene	75541
(+)-Catechin*	03910590
(+)-Catechin	43412
Chrysin	95082
p-Cymene**	49679
p-Cymene	30039
Dihydrokaempferol	92204
Guaiacol	PHR1136
Kaempferol*	00550580
Kaempferol	96353
(R)-(+)-Limonene	62118
Linalool**	61706
Linalool*	00350190
Linalool	51782
Myrcene	64643
Myricetin	72576
(-)- α -Pinene	80599
α -Pinene*	00040590
(+)- β -Pinene	80607
Pinosresinol	06709
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Shikimic acid	69686
Taxifolin*	03890585
Taxifolin	78666
(+)- α -Terpineol	83073
Piper sp. (コンショウ属)	
4-Allylpyrocatechol	18078
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
trans-Cinnamic acid	97013
Desmethoxyangonin	51773
(S)-(+)-7,8-Dihydrokavain	41866
(+)-Dihydromethysticin	52007
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
trans-Ferulic acid**	52229
DL-Kavain	59780
Methyl eugenol	04607
R-(+)-Methysticin	80488
Naringenin 4',7-dimethylether	76716
Piperine	75047
Piperyline	55805
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Salicylic acid**	52341
trans-Sinapic acid	93878
(+)- α -Terpineol	83073
Vanillic acid**	68654
Yanagonin	75575
Plantago sp. (オオバコ属)	
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Aucubine	55561
trans-Caffeic acid**	51868
Chlorogenic Acid*	00500590
Neochlorogenic acid	91213

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

物質名	カタログ番号
Verbascoside	00820580
<i>Polygonum</i> sp. (ミチヤナギ属)	
Aloe-emodin*	93938
trans-Caffeic acid**	51868
Chlorogenic acid*	00500590
Chrysophanol	01542
trans-p-Coumaric acid	55823
Emodin	30269
Epicatechin*	03940590
(-)-Epicatechin	68097
Epicatechin 3-gallate (-)*	03950590
Gallic acid*	91215
Hyperoside*	00180585
Isovitexin*	01120590
Isovitexin	67135
Luteolin*	03880590
Luteolin	72511
Physcion	93893
Quercitrin*	00740580
trans-Resveratrol**	76511
Rhein	30873
Scopoletin	38332
Umbelliferone	54826
Vitexin*	00840595
Vitexin	49513
<i>Potentilla</i> sp. (キジムシロ属)	
trans-Caffeic acid**	51868
(+)-Catechin*	03910590
(+)-Catechin	43412
Chlorogenic Acid*	00500590
trans-p-Coumaric acid	55823
Coumarin**	72609
Coumarin*	01260595
Cyanidin 3-O-rutinoside chloride (Keracyanin chloride)	36428
Ellagic acid	14668
Epigallocatechin*	03960590
(-)-Epigallocatechin	08108
trans-Ferulic acid**	52229
Gallic acid**	91215
(-)-Gallocatechin	01388
trans-Isoferulic acid	05407
Kaempferol*	00550580
Kaempferol	96353
Kuromanin chloride (Chrysanthemin)	44689
Myricetin	72576
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin dihydrate*	00200595
Quercetin 3-glucuronide*	00310590
Quercetin 3-O-glucuronid	90733
Quercitrin*	00740580
Scopoletin	38332
trans-Sinapic acid	93878
Umbelliferone	54826
Ursolic acid*	03240595
Ursolic acid	89797
Vanillic acid**	68654
<i>Primula</i> sp. (サクラソウ属)	
Apigenin*	01760595
Apigenin	42251
trans-Caffeic acid**	51868
(+)-Catechin*	03910590
(+)-Catechin	43412

物質名	カタログ番号
Epicatechin	03940590
(-)-Epicatechin	68097
Epigallocatechin*	03960590
(-)-Epigallocatechin	08108
Isorhamnetin	38907
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Myricetin	72576
Oenin chloride	04288
Primulaverin	30147
Primverin	90657
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Rutin trihydrate*	00300590
<i>Psoralea</i> sp. (オランダビユ属)	
Bakuchicin	75747
Bakuchiol	68612
<i>Pueraria</i> sp. (クズ属)	
Daidzein	16587
Daidzin	42926
Puerarin	96006
Tectoridin	89948
Tectorigenin	67359
<i>Punica</i> sp. (ザクロ属)	
Asiatic acid	89773
Asiaticoside	43191
Betulinic acid	91466
Chlorogenic acid*	00500590
Corilagin	75251
trans-p-Coumaric acid	55823
Delphinidin 3-O-β-D-glucoside chloride	73705
Ellagic acid	14668
Gallic acid**	91215
Kuromanin chloride (Chrysanthemin)	44689
Neochlorogenic acid	91213
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Punicalagin	50793
Punicalin, mixture of anomers	67988
Ursolic acid*	03240595
Ursolic acid	89797
<i>Quercus</i> sp. (コナラ属)	
Betulin	92648
(+)-Catechin*	03910590
(+)-Catechin	43412
Epicatechin*	03940590
(-)-Epicatechin	68097
Friedelin	92187
Gallic acid**	91215
(-)-Gallocatechin	01388
Hyperoside*	00180585
Lupeol	18692
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Tiliroside	79257
<i>Rhamnus</i> sp. (クロウメモドキ属)	
Aloe-emodin	93938
Aloin A	50292
Chelidonic acid	49526
Chrysophanol	01542
Emodin	30269
Frangulin A	61237

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

物質名	カタログ番号
Frangulin B	68912
Isorhamnetin	38907
Kaempferide	69545
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Physcion	93893
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
<i>Rheum</i> sp. (ダイオウ属、レウム属)	
Aloe-emodin	93938
(+)-Catechin*	03910590
(+)-Catechin	43412
Chrysophanol	01542
trans-p-Coumaric acid	55823
Cyanidin 3-O-rutinoside chloride (Keracyanin chloride)	36428
Emodin	30269
Epicatechin*	03940590
(-)-Epicatechin	68097
Gallic acid**	91215
(-)-Gallocatechin	01388
Kuromanin chloride (Chrysanthemin)	44689
Physcion	93893
Quercetin 3-glucoside	16654
Quercitrin*	00740580
Rhapontin	94168
Rhein	30873
Rutin trihydrate*	00300590
Sennoside A*	01870575
Sennoside B*	00530580
<i>Rosmarinus</i> sp. (ローズマリー属)	
Betulin	92648
(+)-Borneol	68878
(-)-Bornyl acetate	45855
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
Carnosic acid	91209
Carnosol (Pikrosalvin)	49702
trans-p-Coumaric acid	55823
Cryptotanshinone	80709
p-Cymene**	49679
p-Cymene	30039
Diosmetin	90985
Diosmin	61386
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
trans-Ferulic acid**	52229
(±)-Hesperetin	51864
Hesperidin	50162
(R)-(+)-Limonene	62118
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Myrcene	64643
Oleanolic acid*	03920590
Oleanolic acid	42515
(-)-α-Pinene	80599
α-Pinene*	00040590
Protocatechuic acid	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992

物質名	カタログ番号
Rosmarinic acid*	00390580
trans-Sinapic acid	93878
(+)-α-Terpineol	83073
Ursolic acid*	03240595
Ursolic acid	89797
Vanillic acid**	68654
<i>Salix</i> sp. (ヤナギ属)	
(1S)-(-)-Verbenone	94882
Amentoflavone	18571
Apigenin*	01760595
Apigenin	42251
(+)-Catechin*	03910590
(+)-Catechin	43412
Chlorogenic Acid*	00500590
Dihydrokaempferol	92204
Eleutheroside B	90974
Epicatechin*	03940590
(-)-Epicatechin	68097
Eriodictyol	89061
Hyperoside*	00180585
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
(±)-Naringenin	52186
Neochlorogenic acid	91213
Picein	74192
Procyanidin B1	19542
Quercitrin*	00740580
D-(-)-Salicin	79588
Salidroside	43866
Taxifolin*	03890585
Taxifolin	78666
<i>Salvia</i> sp. (アキギリ属、サルビア属)	
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Betulin	92648
(+)-Borneol	68878
(-)-Bornyl acetate	45855
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
Carnosic acid	91209
Carnosol (Pikrosalvin)	49702
Chlorogenic Acid*	00500590
Eucalyptol (1,8-Cineole)*	00020590
Cirsilineol	67403
trans-p-Coumaric acid	55823
Cryptochlorogenic acid	90467
Cryptotanshinone	80709
Diosmetin	90985
Eucalyptol (1,8-Cineole)	29210
trans-Ferulic acid**	52229
trans-Isoferulic acid	05407
(R)-(+)-Limonene	62118
Linalool	51782
Linalyl acetate	49599
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Neochlorogenic acid	91213

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

Salvia sp. (アキギリ属、サルビア属) ~ Stevia sp. (ステビア属)

物質名	カタログ番号
Oleanolic acid*	03920590
Oleanolic acid	42515
(-)- α -Pinene	80599
α -Pinene*	00040590
(+)- β -Pinene	80607
Rosmarinic acid*	00390580
Salvianolic acid A	97599
Salvianolic acid B	49724
Sclareol	49944
trans-Sinapic acid	93878
Sodium 3-(3,4-dihydroxyphenyl)-DL-lactate	39363
Tanshinone I	80714
Tanshinone II A	51704
(+)- α -Terpineol	83073
Thujone Standard Mixture	04314
Ursolic acid*	03240595
Ursolic acid	89797
Sambucus sp. (ニワトコ属)	
Betulin	92648
trans-Caffeic acid**	51868
Chlorogenic Acid*	00500590
trans-p-Coumaric acid	55823
Cyanidin 3-O-rutinoside chloride (Keracyanin chloride)	36428
trans-Ferulic acid**	52229
Hyperoside*	00180585
Isoquercitrin*	00140585
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Kuromanin chloride (Chrysanthemin)	44689
Lupeol	18692
Oleanolic acid*	03920590
Oleanolic acid	42515
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Rutin trihydrate*	00300590
Ursolic acid*	03240595
Ursolic acid	89797
Schisandra sp. (マツブサ属)	
Schizandrin A	90139
Scrophularia sp. (ゴマノハグサ属)	
Aucubine	55561
trans-Caffeic acid**	51868
trans-Cinnamic acid	97013
trans-p-Coumaric acid	55823
Diosmetin	90985
Diosmin	61386
trans-Ferulic acid**	52229
Harpagoside*	00420580
Hesperidin	50162
trans-Isoferulic acid	05407
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
trans-Sinapic acid	93878
Vanillic acid**	68654
Senecio sp. (キオン属)	
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
(-)- α -Bisabolol*	00320188
(-)- α -Bisabolol	95426
Kaempferol 3-glucoside	68437
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595

物質名	カタログ番号
Quercitrin*	00740580
Rutin trihydrate*	00300590
Senecionine, dried down	37031
Senecionine	50351
Seneciphylline, dried down	37033
Seneciphylline	73913
Senkirkine, dried down	37032
Senna sp. (センナ属)	
Senna extract	05475001
Sennoside A*	01870575
Sennoside B*	00530580
Sennosid C	73235
Sennoside D	16383
Serenoa sp. (ノコギリバルメツ属)	
Kaempferol 3-glucoside	68437
Rutin trihydrate*	00300590
β -Sitosterol	43623
β -Sitosterol β -D-glucoside	89851
Silybum sp. (オオアザミ属)	
Silybum marianum extract	05135001
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Dihydrokaempferol	92204
Eriodictyol	89061
Fumaric acid*	76635
Isofraxidin	91214
Isosilybin A	97326
Isosilybin B	95684
Kaempferide	69545
($\pm$)-Naringenin	52186
Quercetin dihydrate*	00200595
Silybin	02000585
Silybin B	59527
Silychristin	51681
Silydianin	30494
Taxifolin*	03890585
Taxifolin	78666
Solanum sp. (ナス属)	
trans-Caffeic acid**	51868
trans-p-Coumaric acid	55823
Degalactotigonin	92056
N-Malonyl-DL-tryptophan	77556
Scopoletin	38332
Umbelliferone	54826
Stevia sp. (ステビア属)	
Dulcoside A	90378
Geraniol	48798
Isosteviol	92273
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Quercetin 3-glucoside	16654
Quercitrin*	00740580
Rebaudioside A	38462
Rebaudioside B	49747
Rebaudioside C	30987
Rebaudioside D	19189
Rubusoside	62933
Steviol	19345
Steviolbioside	59754
Stevioside	50956

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物質名	カタログ番号
Syzygium sp. (フトモモ属)	
Acetylugenol	04733
Bergenin	80479
Betulinic acid	91466
(+)-Borneol	68878
(-)-Bornyl acetate	45855
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
(-)-trans-Caryophyllene	75541
trans-p-Coumaric acid	55823
Cryptochlorogenic acid	90467
Ellagic acid	14668
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Eugenol**	79891
Eugenol*	01050595
Eugenol	35995
trans-Ferulic acid**	52229
Gallic acid**	91215
Geraniol	48798
Guaiacol	PHR1136
Hyperoside*	00180585
Isoeugenol	34038
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Kuromanin chloride (Chrysanthemin)	44689
Methyl eugenol	04607
Myricetin	72576
Oleanolic acid*	03920590
Oleanolic acid	42515
(-)- α -Pinene	80599
α -Pinene*	00040590
(+)- β -Pinene	80607
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
(+)- α -Terpineol	83073
Vanillic acid**	68654
Tanacetum sp. (ヨモギギク属)	
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
(-)-Bornyl acetate	45855
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
Chamazulen	91595
Chlorogenic Acid*	00500590
Cirsilineol	67403
Diosmetin	90985
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
trans-Ferulic acid**	52229
Isofraxidin	91214
Isorhamnetin	38907
Linalyl acetate	49599
Luteolin*	03880590
Luteolin	72511

物質名	カタログ番号
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
($\pm$)-Naringenin	52186
Orientin*	03810585
Orientin	55736
(-)- α -Pinene	80599
α -Pinene*	00040590
(+)- β -Pinene	80607
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin dihydrate*	00200595
Scopoletin	38332
Sesamin	59867
Thymol*	00670590
Thymol	72477
Terminalia sp. (モモタマナ属, ターミナリア属)	
Arjunetin	90331
Arjunic acid	06244
(+)-Catechin*	03910590
(+)-Catechin	43412
Chebulagic acid	69455
Corilagin	75251
3,3'-Di-O-methyl ellagic acid 4'-O- β -D-xylopyranoside	90905
Ellagic acid	14668
Friedelin	92187
Gallic acid**	91215
Kaempferol*	00550580
Kaempferol	96353
Naringenin 4',7-dimethylether	76716
Oleanolic acid*	03920590
Oleanolic acid	42515
Punicalagin	50793
Quercetin dihydrate*	00200595
Shikimic acid	69686
trans-Sinapic acid	93878
1,3,6-Tri-O-galloyl- β -D-glucose	78864
Thymus sp. (イブキジャコウソウ属)	
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
(+)-Borneol	68878
(-)-Bornyl acetate	45855
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
Carvacrol	42632
Carvacrol	42632
Carvacrol methyl ether	43778
Cirsilineol	67403
p-Cymene**	49679
p-Cymene	30039
Dihydrokaempferol	92204
Eriocitrin	94113
Eriodictyol	89061
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
trans-Ferulic acid**	52229
Geraniol	48798
Linalool**	61706
Linalool*	00350190
Linalool	51782
Linalyl acetate	49599

*Primary pharmaceutical reference standard HWI **TraceCERT™, certified reference material 詳細はP2をご覧ください。物質名のIndexはP21をご覧ください。

物質名	カタログ番号
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Myrcene	64643
(±)-Naringenin	52186
Oleanolic acid*	03920590
Oleanolic acid	42515
(-)-α-Pinene	80599
α-Pinene*	00040590
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Rosmarinic acid*	00390580
Sakuranetin	73422
Salicylic acid*	52341
trans-Sinapic acid	93878
Taxifolin*	03890585
Taxifolin	78666
Terpinen 4-ol*	03900590
(-)-Terpinen-4-ol	49598
γ-Terpinene	86476
(+)-α-Terpeneol	83073
Thymol*	00670590
Thymol	72477
Ursolic acid*	03240595
Ursolic acid	89797
Vanillic acid**	68654
<i>Tilia</i> sp. (シナノキ属)	
trans-Caffeic acid**	51868
Chlorogenic Acid*	00500590
trans-p-Coumaric acid	55823
Ellagic acid	14668
Esculin hydrate	06212
Fraxetin	18224
Fraxin	80533
Gallic acid**	91215
Hyperoside*	00180585
Isoquercitrin*	00140585
Kaempferol*	00550580
Kaempferol	96353
Kaempferol 3-glucoside	68437
Procyanidin B2	42157
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin	00740580
Rutin trihydrate*	00300590
Tiliroside	79257
<i>Tribulus</i> sp. (ハマビシ属)	
Tribulosin	51675
<i>Triticum</i> sp. (コムギ属)	
N-Malonyl-DL-tryptophan	77556
β-Sitosterol	43623
β-Sitosterol β-D-glucoside	89851
<i>Urtica</i> sp. (イラクサ属)	
Oleanolic acid*	03920590
Oleanolic acid	42515
β-Sitosterol	43623
<i>Vaccinium</i> sp. (スノキ属)	
Arbutin	66468
(+)-Catechin*	03910590
(+)-Catechin	43412
Chlorogenic Acid*	00500590

物質名	カタログ番号
Cyanidin 3-O-α-L-arabinoside chloride	05098
Cyanidin 3-galactoside chloride (Idaein chloride)	91635
Cyanidin chloride	94099
Delphinidin chloride	14389
Delphinidin 3-O-β-D-galactoside chloride	04301
Delphinidin 3-O-β-D-glucoside chloride	73705
Epicatechin*	03940590
(-)-Epicatechin	68097
Hyperoside*	00180585
Kuromanin chloride (Chrysanthemin)	44689
Malvidin chloride	92607
Malvidin 3-galactoside chloride	79311
Myricetin	72576
Oenin chloride	04288
Oleanolic acid*	03920590
Oleanolic acid	42515
Peonidin 3-O-glucoside chloride	42008
Petunidin 3-O-β-D-glucoside chloride	30638
Procyanidin B1	19542
Procyanidin B2	42157
Procyanidin C1	50878
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin 3-glucoside	16654
Quercetin dihydrate*	00200595
Quercitrin*	00740580
Salicylic acid*	52341
Salidroside	43866
Syringic acid	63627
Ursolic acid*	03240595
Ursolic acid	89797
<i>Valeriana</i> sp. (カノコソウ属)	
Valeriana officinalis extract	05105001
Acetoxyvalerenic acid	18543
(+)-Borneol	68878
(-)-Bornyl acetate	45855
trans-Caffeic acid**	51868
Camphor (dl)*	02070595
Camphene	442505
Chlorogenic acid*	00500590
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Hesperidin	50162
Hydroxyvalerenic acid	55507
trans-Isoferulic acid	05407
(-)-α-Pinene	80599
α-Pinene*	00040590
(+)-β-Pinene	80607
(+)-α-Terpeneol	83073
Valerenic acid*	02010595
<i>Vanilla</i> sp. (バニラ属)	
Vanillin**	30304
<i>Verbascum</i> sp. (モウズイカ属)	
Apigenin*	01760595
Apigenin	42251
Apigenin 7-glucoside*	00720585
Apigenin 7-glucoside	44692
Aucubine	55561
trans-Caffeic acid**	51868
Chlorogenic acid*	00500590
trans-p-Coumaric acid	55823
Diosmin	61386
Eriodictyol	89061

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物質名	カタログ番号
trans-Ferulic acid**	52229
Harpagoside*	00420580
Hesperidin	50162
Kaempferol*	00550580
Kaempferol	96353
Luteolin*	03880590
Luteolin	72511
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin dihydrate*	00200595
Rutin trihydrate*	00300590
Vanillic acid*	68654
Verbascoside*	00820580
Viscum sp. (ヤドリギ属)	
Betulinic acid	91466
trans-Caffeic acid**	51868
Eleutheroside B	90974
Eleutheroside E	08198
trans-Ferulic acid**	52229
Isorhamnetin	38907
Oleanolic acid*	03920590
Oleanolic acid	42515
Protocatechuic acid*	03930590
Protocatechuic acid (3,4-Dihydroxybenzoic acid)	08992
Quercetin dihydrate*	00200595
Sakuranetin	73422
trans-Sinapic acid	93878
Ursolic acid*	03240595
Ursolic acid	89797
Vanillic acid**	68654
Vitex sp. (ハマゴウ属)	
Agnuside	12274
Aucubine	55561
(-)-Bornyl acetate	45855
Casticin	16382
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
Isoorientin	78109
Isoorientin*	03820585
Isovitexin*	01120590
Isovitexin	67135
Luteolin 7-glucoside*	03600585
Luteolin 7-glucoside	49968
Negundoside	80724
Orientin*	03810585
Orientin	55736
(-)- α -Pinene	80599
α -Pinene*	00040590
(+)- β -Pinene	80607
Ursolic acid*	03240595
Ursolic acid	89797
Vitexin*	00840595
Vitexin	49513
Vitis sp. (ブドウ属)	
Caftaric acid	88656
(+)-Catechin*	03910590
(+)-Catechin	43412
Chlorogenic acid*	00500590
trans-p-Coumaric acid	55823
Delphinidin 3-O- β -D-glucoside chloride	73705
Epicatechin*	03940590

物質名	カタログ番号
(-)-Epicatechin	68097
Geraniol	48798
Kuromanin chloride (Chrysanthemin)	44689
Malvidin chloride	92607
Oenin chloride	04288
Oleanolic acid*	03920590
Oleanolic acid	42515
Petunidin 3-O- β -D-glucoside chloride	30638
Procyanidin B1	19542
Procyanidin B2	42157
Procyanidin C1	50878
Quercetin 3-glucoside	16654
Quercetin 3-glucuronide*	00310590
Quercetin 3-O-glucuronid	90733
trans-Resveratrol**	76511
Withania sp. (ウィザニア属)	
12-Deoxywithastramonolide	94187
β -Sitosterol β -D-glucoside	89851
Withaferin A	89910
Withanolide A	74776
Withanolide B	94284
Withanone	90896
Withanoside IV	94186
Withanoside V	66042
Zingiber sp. (ショウガ属)	
Asarylaldehyde	16219
(+)-Borneol	68878
Camphor (dl)*	02070595
Camphene	442505
(+)-Carvone**	79245
(-)-Carvone*	00290595
(-)-Carvone	22060
(+)-Carvone	22070
trans-p-Coumaric acid	55823
Eucalyptol (1,8-Cineole)**	95656
Eucalyptol (1,8-Cineole)*	00020590
Eucalyptol (1,8-Cineole)	29210
trans-Ferulic acid**	52229
[10]-Gingerol	42630
[6]-Gingerol	50866
[8]-Gingerol	01514
Kuromanin chloride (Chrysanthemin)	44689
Resorcinol*	53363
[6]-Shogaol	39303
trans-Sinapic acid	93878
Vanillic acid**	68654

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植物抽出物の標準物質

キャリブレーションや、物質の確認、植物真正性試験のために、一般的に広く用いられている薬用植物の抽出物の標準物質をご提供します。この植物から抽出した抽出物は1つまたは複数のマーカー成分の定量値、同一性の確認、主要構成成分に対するピークアサインの値等を提供します。

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詳細は：[SigmaAldrich.com/plantextracts](https://sigmaaldrich.com/plantextracts)

品名	Quantitative Marker Ingredients	Qualitative Marker Ingredients	カタログ番号
Camellia sinensis extract	Epigallocatechin gallate	Catechin, Epicatechin, Epicatechin gallate, Epigallocatechin, Epigallocatechin gallate	05495001
Crataegus spp extract	Vitexin rhamnoside	Vitexin-2-O-rhamnoside, Chlorgenic acid, Hyperoside	05095001
<i>Ginkgo Biloba</i> extract	Bilobalide, Ginkgolide A	Bilobalide, Ginkgolide A, Ginkgolide B, Ginkgolide C	05485001
Harpagophytum procumbens extract	Harpagoside	8-p-Coumaryl harpagide, Harpagoside	05125001
Hypericum perforatum extract	Hypericin	Hypericin, Pseudohypericin	05295001
Panax ginseng extract	Ginsenosides Rb1+Rg1	Ginsenosides Rg1, Rb1, Re, Rf, Rg2, Rc, Rb2, Rd	05115001
Passiflora incarnata extract	Isovitexin	Vitexin, Orientin, Homoorientin, Isovitexin	05085001
Senna extract	Sennoside B	Sennoside A, Sennoside B	05475001
Silybum marianum extract	Silybin A+B	Silicristin, Silidianin, Isosilbinin A, Isosilbinin B, Silybin A, Silybin B	05135001
Valeriana officinalis extract	Valerenic acid	Valerenic acid, Hydroxyvalerenic acid, Acetoxyvalerenic acid	05105001



物質名：index

(アルファベット順)

A

Acetoxyvaleric acid	18, 20
Acety Eugenol	17
Agnuside	19
Allantoin	3, 5
4-Allylanisole (Estragole)	8, 10, 13
4-Allylpyrocatechol	13
Aloe-emodin	3, 5, 14, 15
Aloenin A	3
Aloin A	3, 14
Amentoflavone	8, 10, 15
(15:0)-Anacardic acid	3
Andrograpanin	3
Andrographolide	3
Anethol trans	13
Angelicin	3, 13
Anisatin	10
Apigenin	3, 5, 8, 11, 12, 13, 14, 15, 16, 17, 18
Apigenin 7-glucoside	3, 4, 5, 8, 9, 10, 11, 12, 13, 15, 16, 17, 18
Arbutin	4, 18
Arjunetin	17
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Artemisinin	4
Asarylaldehyde	19
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B

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Bacopaside I	4
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Bakuchicin	14
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Benzyl alcohol	8
Benzyl benzoate	6
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Bergaptol	6
Bergenin	17
Betaine	7
Betulin	4, 8, 12, 14, 15, 16
Betulin 3,28-diacetate	4

Betulinic acid	4, 9, 10, 11, 12, 14, 17, 19
Biacangelicin	3, 6
(-)-Bilobalide	8
Bilobalide	20
(-)- α -Bisabolol	3, 4, 5, 6, 11, 16
Bisabolol oxide A	5
Blobalide	20
Boeravinone B	4
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(+)-Borneol	3, 4, 5, 6, 7, 10, 11, 13, 15, 17, 18, 19
(-)-Bornyl acetate	3, 4, 5, 7, 10, 11, 13, 15, 17, 18, 19
α -Boswellic acid	4
β -Boswellic acid	4
Boswellic acid, mixture of α and β	4

C

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Caftaric acid	6, 7, 19
(-)-Calcium hydroxycitrate tribasic	8
Camellia sinensis extract	5, 20
Camphene	3, 4, 6, 7, 8, 10, 11, 13, 15, 17, 18, 19
Camphor (dl)	3, 4, 6, 7, 8, 10, 11, 13, 15, 17, 18, 19
Capsaicin	5
Cardanol	3
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Carnosol (Pikrosalvin)	15
Carvacrol	17
Carvacrol methyl ether	17
(-)-Carveol, mixture of isomers	5
(+)-Carvone	5, 6, 11, 19
(-)-Carvone	5, 6, 11, 19
Casticin	3, 4, 19
(+)-Catechin	3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 17, 18, 19
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Catechin	20
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Chlorogenic acid	3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 19
Chrysin	12, 13
Chrysophanol	3, 5, 14, 15
1,4-Cineole	10
Cinnamyl acetate	6
Cinnamyl alcohol	6

Cirsilineol	4, 12, 15, 17
($\pm$)-Citronellal	11
Citropten	6
Corilagin	4, 14, 17
Corosolic acid	10
Coumarin	6, 8, 10, 11, 14
Crataegus spp extract	7, 20
Crocetin dialdehyde	7
Cryptochlorogenic acid	5, 7, 13, 15, 17
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(-)-Curcumol	7
Cyanidin 3-galactoside chloride (Idaein chloride)	18
Cyanidin 3-O-rutinoside chloride (Keracyanin chloride)	14, 15, 16
Cyanidin 3-O- α -L-arabinoside chloride	18
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Daidzin	9, 14
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Delphinidin chloride	18
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1,9-Dideoxyforskolin	7
Didymin	6
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(+)-Dihydrocarvone, mixture of isomers	5
Dihydrokaempferol	5, 8, 13, 15, 16, 17
(+)-Dihydromethysticin	13
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3,3'-Di-O-methyl ellagic acid 4'-O- β -D-xylopyranoside	17
3,3'-Di-O-methyl ellagic acid 4'-xylopyranoside	3
Diosmetin	6, 8, 11, 15, 16, 17
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Epigallocatechin	5, 8, 10, 14, 20
Epigallocatechin gallate	3, 9, 20
(-)-Epigallocatechin gallate	3, 9
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Epiquinine	6
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Eriocitrin	11, 17
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Esculin hydrate	3, 5, 6, 12, 18
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Eucalyptol (1,8-Cineole)	3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 17, 18, 19
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F

(+)-Fenchone	8, 10, 13
Forskolin	7
Frangulin A	14
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Fraxetin	18
Fraxin	3, 18
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(-)-Gallocatechin	3, 5, 9, 11, 14, 15
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Ginsenoside Rb1	12
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Ginsenoside Rb3	12
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Ginsenoside Rg1	12
Ginsenoside Rg2	12
Ginsenoside Rg3	12
Ginsenoside Rh1	12
Ginsenosides Rb1+Rg1	20
Ginsenosides Rg1	20
Ginsenosides Rb1	20
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H

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Hesperidin	3, 6, 8, 11, 15, 16, 18, 19
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Honokiol	10
Hordenine	3, 5
Hulupinic acid	9
α-Humulene	9
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Hydroquinone	4
Hydroxyvaleric acid	18, 20
Hypericin	10, 20
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Isoimperatorin	3, 6
Isoliquiritigenin	9
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Isoorientin	8, 12, 13, 19
Isopimpinellin	3, 6, 13
(-)-Isopulegol	11
Isoquercitrin	4, 16, 18
Isorhamnetin	5, 6, 8, 9, 14, 15, 17, 19
Isosilbinin A	20
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Isosilybin B	16
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Kaempferol	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
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Khellin	3
Koenigicine	11
Koenimbine	11
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L

(+)-L-Alliin	3
Lavandulol	10
Limonin	6
Linalool	6, 7, 10, 13, 15, 17
Linalyl acetate	6, 10, 15, 17
Lupeol	4, 5, 9, 10, 14, 16
Lutein	5
Luteolin	3, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19
Luteolin 7-glucoside	3, 4, 5, 7, 9, 10, 11, 12, 13, 15, 16, 17, 18, 19

M

Mahanimbine	11
Malvidin 3-galactoside chloride	18
Malvidin chloride	18, 19
Mangiferin	8, 10
Maslinic acid	12
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(1R)-(-)-Menthyl acetate	11
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Methyl trans-cinnamate	12
Myrcene	6, 13, 15, 18
Myricetin	4, 7, 8, 9, 10, 13, 14, 17, 18
Myricitrin	4, 7, 9, 12
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(±)-Naringenin	3, 6, 8, 9, 15, 16, 17, 18
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Naringin	6
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Neryl acetate	6
N-Malonyl-DL-tryptophan	9, 16, 18
Nobiletin	6
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3-O-Acetyl-α-boswellic acid	4
3-O-Acetyl-β-boswellic acid	4
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C

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