

## Disclosure of Information about Columns for Japanese Pharmacopoeia Draft Monographs for Crude Drugs

Office of Review Management,  
Pharmaceuticals and Medical Devices Agency

The products in the Official Monographs for Crude Drugs are composed of multicomponent systems as a characteristic of natural products, and the compositions and the quantitative values of constituents are diversified within a certain range due to differences in secondary metabolites, growth environments, cultivation conditions, genetic factors and processing methods of the original plants. For that reason, it is necessary to select column(s) depending on the test sample for assay of each manufacturer or each manufacturers association even for the test of the same monograph. The expert committees for crude drugs gathers the test results of multiple samples and discusses on the draft monograph with the multiple data. It would be valuable to share with the public by disclosing the information about columns that were evaluated in the development of monograph. Thus, please be notified that Office of Review Management, Pharmaceuticals and Medical Devices Agency (PMDA) starts to take a measure to in principle disclose the information about columns, such as the name (model number) of columns, for Japanese Pharmacopoeia (JP) draft monographs (crude drugs) under the following rules:

1. Concerning tests as a whole using columns in the draft monographs (crude drugs), while further ensuring of transparency of the JP revision process is required, the measure mentioned above is to post the information about the columns that were used for acquisition of the data that were referred in the preparation of the drafts on the PMDA website by PMDA at the start of publication of the relevant drafts for public comments.
2. Addition of information about other alternative columns or update of information associated with technological innovation is in principle not to be done.
3. The columns to be disclosed have not been confirmed as applicable to all the samples that could be the subjects to application to the monographs of the relevant drafts.
4. The information about columns are released only when cooperation is provided by the manufactures or manufacturers association who prepared the drafts.

Disclosure History:

Extracts, the crude drugs and preparations to be included Supplement II to the Japanese Pharmacopoeia 18th edition, June 1, 2023.

Extracts, the crude drugs and preparations to be included Supplement I to the Japanese Pharmacopoeia 18th edition, March 1, 2022.

Extracts, the crude drugs and preparations to be included the Japanese Pharmacopoeia 18th edition, December 2, 2019.

Extracts, the crude drugs and preparations to be included Supplement II to the Japanese Pharmacopoeia 17th edition, June 1, 2018.

Extracts, the crude drugs and preparations to be included Supplement I to the Japanese Pharmacopoeia 17th edition, January 4, 2017.

Extracts, the crude drugs and preparations included the Japanese Pharmacopoeia 17th edition, January 4, 2017.

Extracts, the crude drugs and preparations to be included Supplement II to the Japanese Pharmacopoeia 18th edition

Shin'iseihaito Extract: Mangiferin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -AR- II
Inertsil ODS-3
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80TsQA

Shin'iseihaito Extract: Baicalin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -AR- II
Inertsil ODS-3
Inertsil ODS-4V
L-column 2 ODS
Mightysil RP-18GP
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80TsQA
Wakosil- II 5C18RS

Shin'iseihaito Extract: Geniposide (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Inertsil ODS-3
L-Column 2 ODS
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80TsQA

Yokukansankachimpihange Extract: Total alkaloids (rhynchophylline and hirsutine) (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Mightysil RP-18GP II
TSKgel ODS-100Z
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80Ts
TSKgel ODS-80TsQA
YMC-Pack ODS-A

Extracts, the crude drugs and preparations to be included Supplement I to the Japanese Pharmacopoeia 18th edition

Saikokeishikankyoto Extract: Saikosaponin b2 (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -MS- II
Inertsil ODS-3
L-column2 ODS
Mightysil RP-18 GP
TSKgel ODS-100S
TSKgel ODS-120A
TSKgel ODS-80Ts
YMC-Pack ODS-A

Saikokeishikankyoto Extract: Baicalin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -AR- II
COSMOSIL 5C <sub>18</sub> -MS- II
Mightysil RP-18GP
Mightysil RP-18GP Aqua
TSKgel ODS-80Ts
TSKgel ODS-80TsQA
YMC-Pack ODS-A

Saikokeishikankyoto Extract: Glycyrrhizic acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-100V
TSKgel ODS-80Ts
TSKgel ODS-80TsQA
YMC-Pack ODS-A

Yokukansankachimpihange Extract: Saikosaponin b2 (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -AR- II
Inertsil ODS-4V
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-80TsQA
YMC-Pack ODS-A

Yokukansankachimpihange Extract: Glycyrrhizic Acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC18
COSMOSIL 5C <sub>18</sub> -AR- II
Develosil ODS-HG-5
TSKgel ODS-100S
TSKgel ODS-80TsQA
YMC-Pack <i>Pro</i> -C18

Yokukansankachimpihange Extract: Hesperidin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -AR- II
Develosil ODS-HG-5
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-100V
TSKgel ODS-80Ts
TSKgel ODS-80TsQA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> -C18

Extracts, the crude drugs and preparations to be included the Japanese Pharmacopoeia 18th edition

Byakkokaninjinto Extract: Mangiferin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
TSKgel ODS-80Ts
TSKgel ODS-80Ts QA
YMC-Pack ODS-A

Byakkokaninjinto Extract: Glycyrrhizic acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -MS-II
Mightysil RP-18 GP
TSKgel ODS-80Ts
TSKgel ODS-80Ts QA
YMC-Pack ODS-A

Byakkokaninjinto Extract: Ginsenoside Rb<sub>1</sub>

For the preparation 1) (Column: Particle size 3.5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
XBridge Amide

For the preparation 2) (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
TSK-gel Amide-80 HR

Goshuyuto Extract: Ginsenoside Rb<sub>1</sub> (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
TSK-gel Amide-80 HR

Unseiin Extract: Paeoniflorin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR- II
Mightysil RP-18GP
TSKgel ODS-80Ts
TSKgel ODS-80Ts QA

Unseiin Extract: Baicalin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -AR- II
Inertsil ODS-3
Inertsil ODS-4V
L-column2 ODS
TSKgel ODS-80Ts QA
TSKgel ODS-100 V

Unseiin Extract:Berberine (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> MG
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR- II
Mightysil RP-18GP
TSKgel ODS-80Ts
YMC-Pack <i>Pro</i> -C18

Extracts, the crude drugs and preparations to be included Supplement II to the Japanese Pharmacopoeia 17th edition

Goshuyuto Extract: Evodiamine (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
L-column2 ODS
Mightysil RP-18 GP
TSKgel ODS-100S
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-AM

Goshuyuto Extract: [6]-Gingerol (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
L-column2 ODS
Mightysil RP-18 GP
TSKgel ODS-100S
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-AM



Extracts, the crude drugs and preparations to be included Supplement I to the Japanese Pharmacopoeia 17th edition

Bakumondoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
COSMOSIL 5C18-MS-II
Mightysil RP-18 GP
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Bofutsushosan Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC18
CAPCELL PAK C <sub>18</sub> UG120
Inertsil ODS-2
L-column ODS
L-column2 ODS
Mightysil RP-18 GP
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Boiogito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
COSMOSIL 5C18-AR-II
Mightysil RP-18 GP
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Chotosan Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Mightysil RP-18 GP
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Daiokanzoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CHEMCOSORB 5-ODS-H
COSMOSIL 5C18-AR-II
Develosil ODS-5
L-column2 ODS
Mightysil RP-18 GP
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Goreisan Extract: (E)-Cinnamic acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> SG120
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Mightysil RP-18 GP
TSKgel ODS-100S
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil II 5C18HG
YMC-Pack ODS-A

Hangeshashinto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
L-column2 ODS	CHEMCOSORB 5-ODS-H
YMC-Pack ODS-A	COSMOSIL 5C18-MS-II
	L-column2 ODS
	Mightysil RP-18GP
	TSKgel ODS-80T <sub>s</sub>
	TSKgel ODS-80T <sub>s</sub> QA
	YMC-Pack ODS-A

Hochuekkito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CHEMCOSORB 5-ODS-H
COSMOSIL 5C18-AR-II
Mightysil RP-18 GP
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Juzentaihoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
TSKgel ODS-80T <sub>s</sub> QA	CHEMCOSORB 5-ODS-H
	Mightysil RP-18GP
	TSKgel ODS-80T <sub>s</sub> QA
	YMC-Pack ODS-A

Kakkonto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
TSKgel ODS-80T <sub>s</sub>	CHEMCOSORB 5-ODS-H
TSKgel ODS-80T <sub>s</sub> QA	L-column2 ODS
YMC-Pack ODS-A	TSKgel ODS-80T <sub>s</sub>
	TSKgel ODS-80T <sub>s</sub> QA
	YMC-Pack ODS-A

Kakkontokasenkyushin'i Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
TSKgel ODS-80T <sub>s</sub> QA	CHEMCOSORB 5-ODS-H
	L-column2 ODS
	TSKgel ODS-80T <sub>s</sub> QA
	YMC-Pack ODS-A

Kamiki hito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
COSMOSIL 5C18-AR-II
L-column2 ODS
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Kamishoyosan Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
COSMOSIL 5C18-MS-II
L-column2 ODS
Mightysil RP-18 GP
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Maoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
TSKgel ODS-80T <sub>s</sub> QA	CHEMCOSORB 5-ODS-H
	L-column2 ODS
	TSKgel ODS-80T <sub>s</sub> QA
	YMC-Pack ODS-A

Otsujito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
L-column2 ODS
Mightysil RP-18 GP
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Rikkunshito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC18
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C18-AR-II
COSMOSIL 5C18-MS-II
L-column2 ODS
Mightysil RP-18 GP
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Ryokeijutsukanto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
TSKgel ODS-80T <sub>s</sub>	CHEMCOSORB 5-ODS-H
TSKgel ODS-80T <sub>s</sub> QA	TSKgel ODS-80T <sub>s</sub>
	TSKgel ODS-80T <sub>s</sub> QA
	YMC-Pack ODS-A

Saibokuto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
TSKgel ODS-80T <sub>s</sub> QA	TSKgel ODS-80T <sub>s</sub> QA
	YMC-Pack ODS-A
	YMC-Pack <i>Pro</i> C18

Saikokeishito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
TSKgel ODS-80T <sub>s</sub> QA	CHEMCOSORB 5-ODS-H
	COSMOSIL 5C18-MS-II
	L-column2 ODS
	TSKgel ODS-80T <sub>s</sub>
	TSKgel ODS-80T <sub>s</sub> QA
	YMC-Pack ODS-A
	YMC-Pack <i>Pro</i> C18

Saireito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
COSMOSIL 5C18-AR-II	COSMOSIL 5C18-AR-II
TSKgel ODS-80T <sub>S</sub> QA	TSKgel ODS-80T <sub>S</sub> QA
	YMC-Pack <i>Pro</i> C18

Shakuyakukanzoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C18-AR-II
COSMOSIL 5C18-MS-II
L-column2 ODS
Mightysil RP-18 GP
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Shosaikoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
COSMOSIL 5C18-MS-II	CHEMCOSORB 5-ODS-H
L-column2 ODS	COSMOSIL 5C18-MS-II
YMC-Pack ODS-A	L-column2 ODS
	TSKgel ODS-80T <sub>S</sub>
	TSKgel ODS-80T <sub>S</sub> QA
	YMC-Pack ODS-A
	YMC-Pack <i>Pro</i> C18

Shoseiryuto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name	
Assay i )	Assay ii )
Inertsil ODS-4	CHEMCOSORB 5-ODS-H
TSKgel ODS-80T <sub>S</sub>	Inertsil ODS-4
TSKgel ODS-80T <sub>S</sub> QA	L-column2 ODS
YMC-Pack ODS-A	Mightysil RP-18GP
	TSKgel ODS-80T <sub>S</sub>
	TSKgel ODS-80T <sub>S</sub> QA
	YMC-Pack ODS-A

Tokakujokito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Mightysil RP-18 GP
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Yokukansan Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
L-column2 ODS
TSKgel ODS-80TsQA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Extracts, the crude drugs and preparations to be included the Japanese Pharmacopoeia 17th edition

Bakumondoto Extract: Ginsenoside Rb1 (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 25cm)

Brand Name
TSKgel Amide-80 HR

Bakumondoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-UG-5
Mightysil RP-18GP
YMC-Pack ODS-A

Bofutsushosan Extract: Paeoniflorin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
Atlantis T3
COSMOSIL 5C <sub>18</sub> -AR-II
Inertsil ODS-2
Inertsil ODS-3
Inertsil ODS-4
L-column2 ODS
Nucleosil 5C18
TSKgel ODS-100Z
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18
YMC-Triart C18

Bofutsushosan Extract: Total alkaloids (ephedrine and pseudoephedrine) (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-UG-5
Inertsil ODS-2
Inertsil ODS-4
L-column2 ODS
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-A

Bofutsushosan Extract: Baicalin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
Atlantis T3
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-HG-5
Inertsil ODS-2
Inertsil ODS-3
Inertsil ODS-4
Inertsil ODS-4V
Mightysil RP-18GP
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18



Bofutsushosan Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis T3
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-HG-5
Inertsil ODS-2
Inertsil ODS-4
Inertsil ODS-4V
L-column ODS
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-100V
TSKgel ODS-100Z
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A

Boiogito Extract: Sinomenine (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis T3
Inertsil ODS-3V
Inertsil ODS-4
Mightysil RP-18GP
TSKgel ODS-100V
TSKgel ODS-120A
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Boiogito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
COSMOSIL 5C <sub>18</sub> -AR-II
L-column ODS
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-100Z
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A

Chotosan Extract: Hesperidin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
Mightysil RP-18GP
Symmetry C <sub>18</sub>
TSKgel ODS-100S
TSKgel ODS-100V
XTerra MS C18

Chotosan Extract: Glycyrrhizic Acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub>
Mightysil RP-18GP
TSKgel ODS-100S
YMC-Pack ODS-A

Chotosan Extract: Total alkaloids (rhyncophylline and hirsutine) (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> UG120
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-5
Develosil ODS-HG-5
Inertsil ODS-3V
L-column ODS
L-column2 ODS
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Pack ODS-AM
YMC-Pack <i>Pro</i> C18

Daiokanzoto Extract: Sennoside A (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Develosil ODS-UG-5
Mightysil RP-18GP
Mightysil RP-18GP Aqua
Puresil C18
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Unisil NQ 5C18
YMC-Pack ODS-A

Daiokanzoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Develosil ODS-UG-5
Mightysil RP-18GP
Mightysil RP-18GP Aqua
Puresil C18
TSKgel ODS-120T
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Daisaikoto Extract: Saikosaponin b2 (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Ascentis Express C18
Atlantis T3
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Develosil ODS-HG-5
Inertsil ODS-4V
Mightysil RP-18GP
TSKgel ODS-100V
TSKgel ODS-120A
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
XBridge C <sub>18</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM
YMC-Pack <i>Pro</i> C18

Daisaikoto Extract: Baicalin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Ascentis Express C18
Atlantis dC <sub>18</sub>
Atlantis T3
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-HG-5
Inertsil ODS-3
Inertsil ODS-4V
L-column2 ODS
Mightysil RP-18GP
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
Wakosil-II 5C18 AR
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Daisaikoto Extract: Paeoniflorin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
Atlantis T3
Develosil ODS-HG-5
Hydrosphere C18
Inertsil ODS-3
Inertsil ODS-3V
Nucleosil 5C18
TSKgel ODS-100Z
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil-II 5C18 AR
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18
YMC-Triart C18

Goshajinkigan Extract: Loganin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
Cadenza 5CD-C18
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-5
Mightysil RP-18GP
Mightysil RP-18GP Aqua
Symmetry C <sub>18</sub>
TSKgel ODS-100S
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA

Goshajinkigan Extract: Paeoniflorin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-HG-5
Nucleosil 5C18
YMC-Pack ODS-A

Goshajinkigan Extract: Total alkaloids (as benzoylmesaconine hydrochloride and 14-anisoylaconine hydrochloride, or as benzoylmesaconine hydrochloride and benzoylhypaconine hydrochloride)  
(Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
Cadenza 5CD-C18
Mightysil RP-18GP
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A

Hachimijiogan Extract: Loganin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
Cadenza 5CD-C18
CAPCELL PAK C <sub>18</sub> MG
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-HG-5
Mightysil RP-18GP
Mightysil RP-18GP Aqua
Symmetry C <sub>18</sub>
TSKgel ODS-100S
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A

Hachimijiogan Extract: Paeoniflorin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-HG-5
Develosil ODS-UG-5
Hydrosphere C18
Nucleosil 5C18
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Triart C18

Hachimijiogan Extract: Total alkaloids (as benzoylmesaconine hydrochloride and 14-anisoylaconine hydrochloride, or as benzoylmesaconine hydrochloride and benzoylhypaconine hydrochloride)

(Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
Cadenza 5CD-C18
Inertsil ODS-3
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
XBridge C <sub>18</sub>
YMC-Pack ODS-A

Hangekobokuto Extract: Magnolol (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Mightysil RP-18GP
TSKgel ODS-120T
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
YMC-Pack ODS-A

Hangekobokuto Extract: Rosmarinic acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Inertsil ODS-3V
Mightysil RP-18GP
TSKgel ODS-80T <sub>S</sub>
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Hangekobokuto Extract: [6]-gingerol (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> SG120
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-5
Develosil ODS-UG-5
L-column ODS
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>S</sub>
Wakosil 5C18
XBridge Shield C <sub>18</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AL
YMC-Pack ODS-AM



Hangeshashinto Extract: Baicalin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
Atlantis T3
COSMOSIL 5C <sub>18</sub>
Develosil ODS-5
Inertsil ODS-2
Inertsil ODS-4V
L-column ODS
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Hangeshashinto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
Inertsil ODS-4V
L-column ODS
Mightysil RP-18GP
TSKgel ODS-100Z
TSKgel ODS-120T
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A

Hangeshashinto Extract: Berberine (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis T3
CAPCELL PAK C <sub>18</sub> MG
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -PAQ
Develosil ODS-5
Inertsil ODS-2
Inertsil ODS-4
Inertsil ODS-4V
Mightysil RP-18GP
TSKgel ODS-100V
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Pack ODS-AL
YMC-Pack <i>Pro</i> C18

Hochuekkito Extract: Hesperidin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
Inertsil ODS-2
Mightysil RP-18GP
Symmetry C <sub>18</sub>
TSKgel ODS-100S
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A

Hochuekkito Extract: Saikosaponin b2 (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Develosil ODS-UG-5
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
Wakosil 5C <sub>18</sub>
XTerra MS C <sub>18</sub>
YMC-Pack ODS-A

Hochuekkito Extract: Glycyrrhizic Acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub>
Develosil ODS-5
Develosil ODS-UG-5
Mightysil RP-18GP
Nucleosil 5C <sub>18</sub>
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM

Juzentaihoto Extract: Ginsenoside Rb1 (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 25cm)

Brand Name
TSKgel Amide-80 HR

Juzentaihoto Extract: Paeoniflorin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
Develosil ODS-5
Develosil ODS-UG-5
Hydrosphere C18
Nucleosil 5C18
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Triart C18

Juzentaihoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Develosil ODS-UG-5
Mightysil RP-18GP
YMC-Pack ODS-A
YMC-Pack ODS-AM

Kakkonto Extract: Total alkaloids (ephedrine and pseudoephedrine) (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-5
Develosil ODS-UG-5
Inertsil ODS-3
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>s</sub>
Wakosil 5C <sub>18</sub>
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C <sub>18</sub>

Kakkonto Extract: Paeoniflorin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Develosil ODS-UG-5
Hydrosphere C <sub>18</sub>
Nucleosil 5C <sub>18</sub>
Puresil C <sub>18</sub>
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C <sub>18</sub>
YMC-Triart C <sub>18</sub>

Kakkonto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-5
Develosil ODS-UG-5
Mightysil RP-18GP
TSKgel ODS-80T <sub>s</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM
YMC-Pack <i>Pro</i> C <sub>18</sub>

Kakkontokasenkyushin'i Extract: Total alkaloids (ephedrine and pseudoephedrine) (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Inertsil ODS-4
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
XBridge C <sub>18</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM

Kakkontokasenkyushin'i Extract: Paeoniflorin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
Hydrosphere C18
Inertsil ODS-4V
Nucleosil 5C18
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Triart C18

Kakkontokasenkyushin'i Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
COSMOSIL 5C <sub>18</sub> -MS-II
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Pack ODS-AM

Kakkontokasenkyushin'i Extract: Magnoflorine (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis T3
COSMOSIL 5C <sub>18</sub> -AR-II
Inertsil ODS-3V
Inertsil ODS-4
Inertsil ODS-4V
Mightysil RP-18GP
TSKgel ODS-100V
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
XBridge C <sub>18</sub>
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Kamikihito Extract: Saikosaponin b2 (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Ascentis Express C18
Atlantis T3
Inertsil ODS-3V
L-column ODS
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
XBridge C <sub>18</sub>
YMC-Pack ODS-A

Kamikihito Extract: Geniposide (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Ascentis Express C18
Inertsil ODS-3
Inertsil ODS-3V
Inertsil ODS-4V
TSKgel ODS-100V
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Kamikihito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Ascentis Express C18
Atlantis T3
Inertsil ODS-4V
L-column ODS
TSKgel ODS-100V
TSKgel ODS-100Z
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A

Kamishoyosan Extract: Paeoniflorin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Hydrosphere C18
L-column ODS
Nucleosil 5C18
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Triart C18

Kamishoyosan Extract: Geniposide (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG80
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Hydrosphere C18
L-column ODS
Mightysil RP-18GP
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
YMC-Pack ODS-AM

Kamishoyosan Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Inertsil ODS-2
Mightysil RP-18GP
TSKgel ODS-80T <sub>S</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM

Keishibukuryogan Extract: (E)-Cinnamic acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> SG120
CAPCELL PAK C <sub>18</sub> UG120
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-UG-5
Hydrosphere C18
Mightysil RP-18GP
Nucleosil 5C18
TSKgel ODS-100S
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
YMC-Pack ODS-A

Keishibukuryogan Extract: Paeoniflorin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-UG-5
Hydrosphere C18
Nucleosil 5C18
TSKgel ODS-100S
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Triart C18

Keishibukuryogan Extract: Amygdalin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> MG
COSMOSIL 5C <sub>18</sub>
Develosil ODS-5
Develosil ODS-HG-5
Develosil ODS-UG-5
Inertsil ODS-3
L-column2 ODS
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-120A
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18



Maoto Extract: Total alkaloids (ephedrine and pseudoephedrine) (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Inertsil ODS-4
Inertsil ODS-80A
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
XBridge C <sub>18</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM

Maoto Extract: Amygdalin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> MG
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-UG-5
L-column2 ODS
Mightysil RP-18GP
SUPERIOREX ODS
TSKgel ODS-100S
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Maoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-120A
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A

Mukoi-Daikenchuto Extract: Ginsenoside Rb1 (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 25cm)

Brand Name
TSKgel Amide-80 HR

Mukoi-Daikenchuto Extract: [6]-Shogaol (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Develosil C8-5
Inertsil C8-3
L-column C8
TSKgel Octyl-80Ts

Orengedokuto Extract: Berberine (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> MG
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -PAQ
Develosil ODS-5
Inertsil ODS-3
Mightysil RP-18GP
Nucleosil 5C18
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Orengedokuto Extract: Baicalin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-5
L-column ODS
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
YMC-Pack ODS-A

Orengedokuto Extract: Geniposide (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG80
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Hydrosphere C18
L-column ODS
Mightysil RP-18GP
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
YMC-Pack ODS-AM

Otsujito Extract: Saikosaponin b2 (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis T3
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Inertsil ODS-4V
Mightysil RP-18GP
TSKgel ODS-100V
TSKgel ODS-120A
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
XBridge C <sub>18</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM
YMC-Pack <i>Pro</i> C18

Otsujito Extract: Baicalin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
Atlantis T3
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -MS-II
Inertsil ODS-4
Inertsil ODS-4V
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Otsujito Extract: Glycyrrhizic Acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis T3
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-HG-5
Inertsil ODS-3
Inertsil ODS-4V
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-100V
TSKgel ODS-100Z
TSKgel ODS-120A
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack ODS-AM

Otsujito Extract: Sennoside A (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis T3
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
Hydrosphere C18
Inertsil ODS-3V
Inertsil ODS-4
Inertsil ODS-4V
L-column ODS
L-column2 ODS
TSKgel ODS-100V
TSKgel ODS-100Z
TSKgel ODS-120T
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
XBridge C <sub>18</sub>
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Otsujito Extract: Rhein (Column: Particle size 5µm, 4.6mmID×25cm)

Brand Name
CHEMCOSORB 5-ODS-H
Hydrosphere C18
Inertsil ODS-4
L-column ODS
L-column2 ODS
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-A

Rikkunshito Extract: Ginsenoside Rb1 (Column: Particle size 5µm, 4.6mmID×25cm)

Brand Name
TSKgel Amide-80 HR

Rikkunshito Extract: Hesperidin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
Inertsil ODS-2
Mightysil RP-18GP
Symmetry C <sub>18</sub>
TSKgel ODS-100S
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
XTerra MS C18
YMC-Pack ODS-A

Rikkunshito Extract: Glycyrrhizic Acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-UG-5
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-80T <sub>s</sub>
YMC-Pack ODS-A

Ryokeijutsukanto Extract: (E)-Cinnamic acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> SG120
CAPCELL PAK C <sub>18</sub> UG120
Mightysil RP-18GP
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
YMC-Pack ODS-A

Ryokeijutsukanto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub>
Mightysil RP-18GP
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
YMC-Pack ODS-A

Saibokuto Extract: Saikosaponin b2 (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
YMC-Pack ODS-A

Saibokuto Extract: Baicalin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
L-column ODS
YMC-Pack ODS-A

Saibokuto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Mightysil RP-18GP
YMC-Pack ODS-A



Saikokeishito Extract: Saikosaponin b2 (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Develosil ODS-UG-5
L-column2 ODS
TSKgel ODS-120A
TSKgel ODS-80T <sub>s</sub>
Wakosil 5C18
YMC-Pack ODS-A

Saikokeishito Extract: Baicalin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -MS-II
L-column ODS
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
Wakosil 5C18
YMC-Pack ODS-A

Saikokeishito Extract: Paeoniflorin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
Develosil ODS-UG-5
Hydrosphere C18
Nucleosil 5C18
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Triart C18

Saikokeishito Extract: Glycyrrhizic Acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
Develosil ODS-UG-5
Mightysil RP-18GP
TSKgel ODS-80T <sub>s</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM

Saireito Extract: Saikosaponin b2 (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Mightysil RP-18GP Aqua
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A

Saireito Extract: Baicalin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Mightysil RP-18GP
Mightysil RP-18GP Aqua
TSKgel ODS-120T
TSKgel ODS-80T <sub>S</sub>

Saireito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Mightysil RP-18GP
Mightysil RP-18GP Aqua
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A

## Shakuyakukanzoto Extract: Paeoniflorin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Develosil ODS-UG-5
Hydrosphere C18
Nucleosil 5C18
Puresil C18
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18
YMC-Triart C18

## Shakuyakukanzoto Extract: Glycyrrhizic Acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-5
Develosil ODS-UG-5
Mightysil RP-18GP
TSKgel ODS-80T <sub>S</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM
YMC-Pack <i>Pro</i> C18

Shimbuto Extract: Paeoniflorin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
Nucleosil 5C18
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
YMC-Pack ODS-A

Shimbuto Extract: [6]-gingerol (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> SG120
L-column ODS
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>S</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AL

Shimbuto Extract: Total alkaloids (as benzoylmesaconine hydrochloride and 14-anisoyleaconine hydrochloride, or as benzoylmesaconine hydrochloride and benzoylhypaconine hydrochloride)  
(Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
Cadenza 5CD-C18
Inertsil ODS-3
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub> QA
XBridge C <sub>18</sub>
YMC-Pack ODS-A

Shosaikoto Extract: Saikosaponin b2 (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-5
Develosil ODS-UG-5
L-column2 ODS
Mightysil RP-18GP Aqua
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack ODS-AQ

Shosaikoto Extract: Baicalin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
L-column ODS
Mightysil RP-18GP Aqua
TSKgel ODS-120T
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
Wakosil 5C18
YMC-Pack ODS-A

Shosaikoto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-UG-5
Mightysil RP-18GP
Mightysil RP-18GP Aqua
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A

Shoseiryuto Extract: Total alkaloids (ephedrine and pseudoephedrine) (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> MG-II
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -AR-II
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-3
Develosil ODS-5
Develosil ODS-UG-5
Inertsil ODS-3
Mightysil RP-18GP
TSKgel ODS-80T <sub>s</sub>
Wakosil 5C18
XBridge C <sub>18</sub>
YMC-Pack ODS-A

Shoseiryuto Extract: Paeoniflorin (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CHEMCOSORB 5-ODS-H
Develosil ODS-5
Develosil ODS-HG-5
Hydrosphere C18
Inertsil ODS-3
Nucleosil 5C18
Puresil C18
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18
YMC-Triart C18

Shoseiryuto Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis dC <sub>18</sub>
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-5
Develosil ODS-UG-5
L-column ODS
Mightysil RP-18GP
TSKgel ODS-80T <sub>s</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM
YMC-Pack <i>Pro</i> C18

Tokakujokito Extract: Amygdalin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> MG
Develosil ODS-UG-5
L-column ODS
L-column2 ODS
Mightysil RP-18GP
TSKgel ODS-100S
TSKgel ODS-80T <sub>s</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Tokakujokito Extract: (E)-Cinnamic acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
CAPCELL PAK C <sub>18</sub> SG120
COSMOSIL 5C <sub>18</sub> -MS-II
Mightysil RP-18GP
Mightysil RP-18GP Aqua
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
YMC-Pack ODS-A

Tokakujokito Extract: Sennoside A (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis T3
CAPCELL PAK C <sub>18</sub> MG
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-HG-5
Inertsil ODS-4
L-column ODS
L-column2 ODS
TSKgel ODS-100Z
TSKgel ODS-120T
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A

Tokakujokito Extract: Rhein (Column: Particle size 5µm, 4.6mmID×25cm)

Brand Name
CHEMCOSORB 5-ODS-H
L-column ODS
L-column2 ODS
Nucleosil 5C18
TSKgel ODS-80T <sub>s</sub> QA
Wakosil5C18
YMC-Pack ODS-A

Tokakujokito Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis T3
CAPCELL PAK C <sub>18</sub> UG120
CHEMCOSORB 5-ODS-H
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-HG-5
Inertsil ODS-4V
Mightysil RP-18GP
Mightysil RP-18GP Aqua
TSKgel ODS-100V
TSKgel ODS-100Z
TSKgel ODS-120A
TSKgel ODS-80T <sub>s</sub> QA
YMC-Pack ODS-A
YMC-Pack ODS-AM



Tokishakuyakusan Extract: (E)-Ferulic acid (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
COSMOSIL 5C <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -MS-II
Develosil ODS-5
Mightysil RP-18GP
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
YMC-Pack ODS-A

Tokishakuyakusan Extract: Paeoniflorin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Atlantis dC <sub>18</sub>
COSMOSIL 5C <sub>18</sub> -AR-II
Develosil ODS-UG-5
Hydrosphere C18
Nucleosil 5C18
TSKgel ODS-100S
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
TSKgel ODS-80T <sub>S</sub> QA
YMC-Pack ODS-A
YMC-Triart C18

Tokishakuyakusan Extract: Atractylenolide III (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
COSMOSIL 5C <sub>18</sub> -AR-II
Mightysil RP-18GP
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>
Wakosil 5C18
YMC-Pack ODS-A
YMC-Pack ODS-AM

Tokishakuyakusan Extract: Atractylodin (Column: Particle size 5µm, 4.6mmID×15cm)

Brand Name
Develosil ODS-UG-5
Inertsil ODS-3
Inertsil ODS-3V
Mightysil RP-18GP
TSKgel ODS-120A
TSKgel ODS-80T <sub>M</sub>
TSKgel ODS-80T <sub>S</sub>

Yokukansan Extract: Total alkaloids (rhyncophylline and hirsutine) (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Inertsil ODS-4
YMC-Pack ODS-A
YMC-Pack <i>Pro</i> C18

Yokukansan Extract: Saikosaponin b2 (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Atlantis T3
Develosil ODS-HG-5
Inertsil ODS-4V
Mightysil RP-18GP
TSKgel ODS-100V
TSKgel ODS-80T <sub>s</sub> QA
Wakosil 5C18
XBridge C <sub>18</sub>
YMC-Pack ODS-A
YMC-Pack ODS-AM
YMC-Pack <i>Pro</i> C18

Yokukansan Extract: Glycyrrhizic Acid (Column: Particle size 5 $\mu$ m, 4.6mmID $\times$ 15cm)

Brand Name
Inertsil ODS-4
Mightysil RP-18GP
TSKgel ODS-100Z
TSKgel ODS-80T <sub>s</sub>
YMC-Pack ODS-A