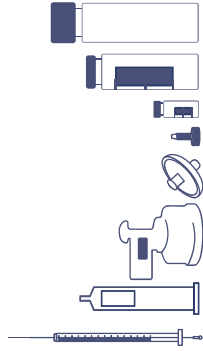
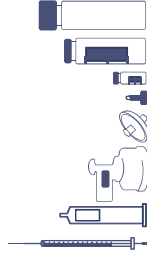




PRODUCT CATALOG

Humble Analysis Materials Always Good
Ningbo Excellent New Material Co., Ltd.



Ningbo Excellent New Material Co., Ltd



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About us

Ningbo Excellent New Materials Co Ltd. (Brand "HAMAG"), founded in 2005, headquartered in Ningbo city, a seaport city with high-tech manufacturing groups. Hamag group started from high quality HPLC sample vials. It is now specializing in R&D, production, sales and system integration of chromatographic consumables, with more than 7000 sqm factory area, 87 employees, 100,000 class clean room and advanced automatic equipments, so as to serve scientific requirements of high precision and high cleanliness of products. We have ISO9001:2015 certificated.

After 19 years of dedication and luckies, through cooperation with many scientific research departments and universities at home and abroad, HAMAG products are greatly welcomed by 83 countries, including Europe, USA.

"Quality, Efficiency and Service" is our cluture. We sincerely welcome friends to work together in the development of laboratory chromatographic consumables industry.



Ningbo Excellent New Material Co., Ltd

Certificates





Partners



Vial Selection Guide

Suitability for the autosampler

Please refer to the "Vial and Autosampler Compatibility" or consult with us for advice.

Vial compatibility

When selecting a vial, the compatibility between the analyte and the solvent needs to be considered. Common sample characteristics and corresponding vial usage schemes are as follows:

- Light sensitive samples: Brown glass vial;
- Highly polar samples (which are easily absorbed by glass): deactivated vials;
- Small quantities sample: inserts or high-recovery vials;
- Ion analysis: polypropylene vials.

Vial material selection

Linear expansion coefficient refers to the changes of glass length with every time the temperature changed by one degree. In short, The lower the COE is, the greater the temperature change that the glass can withstand. The USP(United States Pharmacopoeia) classified its type based on its water resistance.

-USP I, Class A 3.3 and 5.0 borosilicate glass are the most insert glass and is widely used inlabs, especially for some high requirements methods. They have lower dissolution rate with COE 33 and 50.
-USP I, Class B 7.0 Borosilicate glass has a little more alkali metals than Class A glass. It is quite popular with competitive cost and good performance. The COE is 70. Silicized, or deactivated glass is a deactivated borosilicate glass that has undergone organosilicization of the glass surface.
The glass surface is highly hydrophobic and inert, and is suitable for pH-sensitive compound trace analysis and long-term sample storage. USP Types II, III, and NP soda lime glass, less chemically resistant than borosilicate glass. Polypropylene (PP) is a hard material that can be processed in many colors and has good chemical resistance, suitable for short-term storage of chemicals, and is the best choice for biological samples and samples with high metal content, such as ion chromatography, AA or ICP.

Which vial is best for my sample volume?

The following factors should be taken into account, analysis type, analysis platform and sample volume. Hamag vials provide highly consistent performance in a variety of specifications from 500ml to up to 2000ml. The following table can work as a start to select proper specifications required based on sample volume.

<2mL	2mL	>2mL
Micro (15µl-800µl)	Glass vial (2mL)	Sample vial for 4ml
High recovery (30µl-50ml)		Headspace vial (10ml-20ml)
Glass Insert (00µl-400µl)		40ml glass vial (EPA)
Well plates (150µl-1.2ml)	PP vial (2ml)	Storage (3ml-60ml)
PP insert (250µl)		Sampling vial (100ml-500ml)
Microcentrifuge tube (500µl)	Deactivated/silanized vials (2ml)	Wide opening bottle (60ml-500ml)
Vial fixed with insert (250µl-300µl)		Tube (3.5ml-60ml)

Cap with Septum Selection Guide

Septa selection

PTFE/Silicone Septa: It has the corrosion resistance of PTFE and the sealing performance of silicone. The high temperature resistance range is usually -40--200°C. For normal-phase solvents with strong penetrability, such as n-hexane, methylene chloride, etc., it will cause swelling if the liquid level is too high.

PE Septa: The most economical, suitable for storing non-corrosive samples, but it is not recommended for long-term storage of liquids, it is recommended to store at room temperature.

Cap selection

Thread: Typically suitable for LC and LC/MS applications, provides a low evaporation, reusable, no tool needed. Screw top vial caps are available in both caps designed for automated sampling and solid top caps designed for storage.

Crimp: Best suited for GC and GC/MS applications and volatile compounds. It provides the best seal for long-term storage when properly crimped.

Snap: The sealing performance is not as good as the above.

Plug: It is sealed with a PE stopper, and the sealing and corrosion resistance are average, but it is economical and convenient. only available with certain autosamplers

Cap pre-bonded with septa: it has good chemical inertness. Even if it is in contact with concentrated acid, alkali or strong oxidant at high temperature, it will not be affected. At the same time, the elasticity of the silicone can ensure the sealing performance; It can also ensure that the septum will not be separated from the cover during transportation. Keeps the septum from poking into the vial, even with thick and blunt syringes.



Septum Selection Guide

Septa and sample compatibility

Make sure the chosen septum is chemically compatible with the sample. The chemical compatibility of septa may vary with the influence of some factors like solvent concentration, molecular weight, temperature, etc.

During the manufacturing process, the Hamag septum undergoes a unique heat treatment and chemical treatment process to limit the loss of siloxane in the material, but when the septum undergoes puncture injection, heating, interaction of multiple solvents or a combination of three factors, it may still lead to leaching or loss of siloxane in the septum.

Septa chemical compatibility

	PTFE	PTFE/Silicone	PTFE/Silicone/PTFE	PTFE/Red rubber	Fluororubber	PTFE/Butyl rubber
Acetonitrile	✓	✓	✓	✓		✓
Hydrocarbons (Hexane, Heptane, Methane)	✓		✓	✓	✓	
Methanol	✓	✓	✓	✓		✓
benzene	✓		✓		✓	
THF	✓	✓	✓			
Toluene	✓					
DMF	✓	✓	✓			✓
DMSO	✓	✓	✓			✓
Ether	✓	✓	✓			
Chlorinated solvents (dichloromethane)	✓		✓		✓	
ethanol	✓	✓		✓	✓	✓
Acetic acid	✓	✓				✓
acetone	✓	✓				
phenol	✓	✓			✓	✓
Cyclohexane	✓		✓	✓	✓	

* For highly sensitive samples we recommend PTFE/Silicone/PTFE septa

Cap and septa compatibility

	High Performance Septa	Thin PTFE	PTFE/Silicone	PTFE/Silicone/PTFE	PTFE Red rubber	Fluororubber	Butyl
Temperature range	-40°C~260°C	UP to 260°C	-40°C~200°C	-40°C~200°C	-40°C~90°C	-40°C~260°C	-50°C~150°C
Use for multiple injections	No	No	No	No	No	No	No
Cost	Most expensive	Very economical	Economical	Most expensive	Very economical	Economical	Economical
Resistance to coring	Excellent	None	Excellent	Excellent	None	None	None
Recommended for storage	No	No	Yes	Yes	No	No	No
Best for	High temperature headspace applications	Superior chem-inertness short cycle times, and single injections	Most common HPLC and GC analyses, not as resistant to coring as P/S/P	Superior performance for ultra trace analyses, repeat injections, internal standards	Chlorosilanes, more economical option for single injections	Chlorinated solvents, higher temperature	Organic solvents, acetic acids, impermeable to gasses



Auto-sampler Vial

- Materials: Borosilicate glass, PP;
- Colors: Clear, amber;
- Suitable for: HPLC, GC;
- Application area: Food/consumer goods/pharmaceutical/environmental/medical/chemical/materials/packaging/etc.

1ml glass vial

Part No	Product description	Image
3BF02001	1ml clear shell vial ø8.2*40	
3BF02003	1ml amber shell vial ø8.2*40mm	
3BF02004	PE plug	

2ml glass vial

Part No	Product description	Image
3BF00001	2ml clear screw vial ø8mm/Boro 7.0	
3BF00004	2ml clear screw vial with write-on spot and scale ø8mm/Boro 7.0	
3BF00010	2ml Amber Screw vial ø8mm/Boro 5.1	
3BF00011	2mL Amber Screw vial with write-on spot and scale ø8mm/Boro 5.1	
3BF01001	2ml clear screw vial ø9mm/Boro 7.0	
3BF01003	2ml clear screw vial with write-on spot and scale ø9mm/Boro 7.0	
3BF01041	2ml amber screw vial ø9mm/Boro 5.1	
3BF01027	2ml amber screw vial with write-on spot and scale ø9mm/Boro 5.1	

Glass micro vial/PP vial

Part No	Product description	Image
3BF01050	Clear screw glass vial fixed with 300ul insert ø9mm	
3BF01051	Amber screw glass vial fixed with 300ul Insert ø9mm	
3BF01078	Clear screw PP vial fixed with 300ul insert ø9mm	
3BF01053	2 ml clear screw PP vial with scale ø9mm	

High recovery Filter vial

Part No	Product description	Image
3BF01047	1.5ml clear glass high recovery vial ø11.6*32mm/9mm	
3BF01048	1.5ml amber glass high recovery vial ø11.6*32mm/9mm	
3BF14014	Filter Vial Nylon 0.22um Red snap cap Red PTFE White Silicone	
3BF14011	Filter vial PES 0.22um Black snap cap Red PTFE White Silicone	

Crimp/Snap glass vial

Part No	Product description	Image
3BF03005	2ml clear crimp vial with write-on spot and scale ø11mm/Boro 7.0	
3BF03008	2ml amber crimp vial with write-on spot and scale ø11mm/Boro 5.1	
3BF04003	2ml clear snap vial with write-on spot and scale ø11mm/Boro 7.0	
3BF04005	2ml amber snap vial with write-on spot and scale ø11mm/Boro 5.1	

Packaging	PP	Blue PVC	Blue acrylic	Clear acrylic rectangular	Blue acrylic Vial with cap	Clear PVC Vial and cap
Image						

Caps and septa

- Materials of the caps: PP, metal;
- Materials of the septa: Mainly PTFE/silicone, PTFE/silicone/PTFE;
- Options for septa: Solid top, pre-slited, Y-slited, cross-slited;
- Suitable for HPLC, GC;
- Application area: Food, consumer goods, pharmaceutical, environmental, medical, chemical, materials, packaging and more.

8mm Cap and septa

Part No	Product description	Image
3BF00038	Black open top PP cap ø8mm	
3BF00040	Black solid top PP cap ø8mm	
3BF00031	White PTFE/red silicone septa ø8.3*1.5mm	
3BF00036	Pre-slited white PTFE/red silicone septa ø8.3*1.5mm	
3BF00017	Black open top PP cap with white PTFE/red silicone septa ø8mm	
3BF00023	Black solid top PP cap with white PTFE/red silicone septa ø8mm	

9mm cap and septa

Part No	Product description	Image
3BF01103	White PTFE/red silicone septa ø9mm	
3BF01107	Pre-slited white PTFE/red silicone septa ø9mm	
3BF01111	Cross-slited white PTFE/red silicone septa ø9mm	
3BF01109	Blue PTFE/white silicone septa ø9mm	
3BF01112	Pre-slited blue PTFE/white silicone septa ø9mm	
3BF01106	Y-slited white PTFE/red silicone septa ø9mm	
3BF01084	Blue screw open top PP cap with white PTFE/red silicone septa ø9mm	
3BF01080	Blue screw open top PP cap with pre-slited red PTFE/white silicone septa ø9mm	
3BF01099	Blue screw open top PP cap with pre-slited white PTFE/red silicone septa ø9mm	
3BF01098	Blue screw open top PP cap with blue PTFE/white silicone septa ø9mm	

Part No	Product description	Image
3BF01092	Blue screw open top PP cap with pre-slited blue PTFE/white silicone septa ø9mm	
3BF01087	Blue screw open top PP cap with cross-slited blue PTFE/white silicone septa ø9mm	
3BF01089	Blue screw open top PP cap bonded with white PTFE/red silicone septa ø9mm	
3BF01101	Blue screw open top PP cap bonded with sre-slited white PTFE/Red silicone septa ø9mm	
3BF01093	Blue screw solid top PP cap with white PTFE/red silicone septa ø9mm	
3BF01097	Black screw solid top PP cap with red PTFE/white silicone septa ø9mm	
3BF01082	Blue screw open top PP cap bonded with red PTFE/white PTFE/red silicone septa ø9mm	
3BF01115	Blue screw open top PP cap ø9mm	

11mm Cap and septa

Part No	Product description	Image
3BF14017	Transparent open top PP cap with white PTFE/red silicone septa ø11mm	
3BF14020	Transparent open top PP cap with pre-slited white PTFE/red silicone septa ø11mm	
3BF03012	Sliver open top aluminum cap With White PTFE/Red silicone Septa ø11mm	
3BF03013	Sliver open top aluminum cap with transparent PTFE/red butyl rubber septa ø11mm	
3BF03019	Sliver open top aluminum cap ø11mm	
3BF03017	Transparent PTFE/red butyl rubber septa ø11mm	

Insert

- An alternative to economical limited-volume vials;
- Can keep upright sample injection direction;
- Polypropylene feet provide shock absorption;
- Not only fully recover the sample, but also protect the needle from being damaged.

Glass insert

Part No	Product description	Image
3BL00003	250ul glass flat insert ø5*31mm	
3BL00004	200ul glass conical insert ø5*31mm	
3BL00005	150ul glass conical insert with PP feet ø5*29mm	

Part No	Product description	Image
3BL00008	300ul glass flat insert 6*31mm	
3BL00010	250ul glass conical insert 6*31mm	
HM-0559	250ul PP round bottom insert 6*31mm	
3BL00001	250ul glass conical insert with PP feet 6*29mm	
3BL00011	200ul PP conical insert with PP feet 6*29mm	

Vial rack

- Innovative blue bottle rack with central storage compartment that can be stacked vertically or parallel

Part No	Product description	Image
3BF09001	Blue vial rack 5*10 holes	
3BF09002	Blue vial rack with storage 5*10 holes	
3BF09003	Blue rack box 10*10 holes	

18mm screw headspace vial

- Options: Clear, amber;
- Screw aluminum cap can be tightened directly, and the magnetic top makes automatic operation feasible
- PTFE/silicone septa are thinner ensuring air tightness while facilitating needle penetration;
- Suitable for: CTC Combi PAL, TriPlus, AOC5000, 885 Karst furnace sample processors.

screw HS vial cap with septa

Part No	Product description	Image
3BF20002	10ml clear glass HS vial round bottom $\phi 22.5 \times 46\text{mm}$	
3BF20003	10ml amber glass HS vial round bottom $\phi 22.5 \times 46\text{mm}$	
3BF20004	20ml clear glass HS vial round bottom $\phi 22.5 \times 75\text{mm}$	
3BF20005	20ml amber glass HS vial round bottom $\phi 22.5 \times 75\text{mm}$	
3BF20018	Silver magnetic HS cap blue PTFE/white silicone setpa	
3BF20019	Silver magnetic HS cap red PTFE/white silicone setpa	

Part No	Product description	Image
3BF20039	Silver magnetic HS cap	
3BF20031	Blue PTFE/white silicone septa $\phi 17.5 \times 1.5\text{mm}$	
3BF20034	Blue PTFE/white silicone septa $\phi 17.5 \times 2.5\text{mm}$	
3BF20032	Blue PTFE/white silicone septa $\phi 17.5 \times 1.5\text{mm}$	

20mm crimp headsapce vial

- Colors: Clear, amber Bottoms: Round, flat;
 - Outer bevel, uniform wall, and precision molding, excellent thermal shock resistance;
 - Options for cap: Non-magnetic, magnetic;
 - Variety of colors are available for septa;
 - High-performance septa withstand extreme high-temperature conditions for HS applications.
- screw HS vial cap with septa

Part No	Product description	Image
3BF07001	5ml clear glass HS vial $\phi 22.5 \times 38\text{mm}$	
3BF07002	5ml amber glass HS vial $\phi 22.2 \times 38\text{mm}$	
3BF07005	6ml clear glass vial $\phi 22 \times 39.5\text{mm}$	
3BF07015	10ml clear glass HS vial $\phi 22.5 \times 46\text{mm}$ long neck	
3BF07013	10ml clear glass HS vial $\phi 22.5 \times 46\text{mm}$ short neck	
3BF07014	10ml amber glass HS vial $\phi 22.5 \times 46\text{mm}$	
3BF07007 3BF07016	20ml clear HS vial flat bottom	
3BF07012	20ml clear HS vial with write-on spot and scale flat bottom	
3BF07009	20ml amber HS vial flat bottom	
3BF07010	20ml clear HS vial round bottom	
HM-25DKP	25ml clear glass HS vial	
3BF07017	50ml clear glass HS vial with write-on spot and scale	
3BF07019	100ml clear glass HS vial	
3BF07021	100ml amber glass HS vial	

Crimp HS cap with speta

Part No	Product description	Image
3BF07048	Silver aluminum cap with beige PTFE/white silicone septa	
3BF07056	Silver aluminum cap with white PTFE/blue silicone septa	
3BF07060	Silver aluminum cap with beige PTFE/silicone septa	
3BF07034	Silver aluminum cap with white PTFE/silicone septa	
3BF07051	Silver aluminum safe cap with beige PTFE/white silicone septa	
3BF07042	Magnetic blue cap with transparent PTFE/light blue silicone septa	
3BF07037	Magnetic cap with beige PTFE/white silicone septa	
3BF07045	Magnetic red cap with transparent PTFE/light blue silicone septa	

20mm Septa

Part No	Product description	Image
HM-0719Y	Cream star septa	
3BF07027	Grey butyl stopper	
3BF07030	Butyl rubber/PTFE septa With Groove	
3BF07031	Butyl rubber/PTFE septa	

Manual crimping tool

- 11mm and 20mm new manual caper and decapper is ergonomic, durable and light in weight;
- Handles are made of durable fiber-reinforced resin reinforced with steel structure;
- The 11mm capper can press at least 100,000 caps, and the 20mm capper is 80,000 caps before there will be wear and tear that affects usability.

11mm+20mm Crimp tool

Part No	Product description	Image
3BF19001	Capper 11mm	
3BF19002	Decapper 11mm	
3BF19004	Capper 20mm	
3BF19003	Decapper 20mm	

11mm+20mm Crimp tool for flip off cap

Part No	Product description	Image
3BF19007	Capper 13mm for flip off cap	
3BF19008	Capper 20mm for flip off cap	
	Packaging	

Storage bottle

- The vials are available in several sizes;
- Colors for bottle: Clear, amber;
- Colors for the cap: Mainly black and white;
- Options for the septa: PTFE/Silicone, PE;
- PTFE/silicone septa with excellent sealing and chemical resistance.

Screw micro storage vial

Part No	Product description	Image
3BF12001	0.6ml screw amber vial for micro storage φ15*35mm	
3BF12002	0.5ml screw amber vial for micro storage empty bottom φ16*52mm	
3BF05017	Black screw solid top PP cap nature PTFE silicone septa	
3BF05011	Red screw solid top PP cap nature PTFE silicone septa	

Crimp micro storage vial

Part No	Product description	Image
3BF07025	0.5ml amber crimp glass vial for micro storage φ13mm	
3BF07026	0.3ml amber crimp glass vial for micro storage φ13mm	
3BF07032	Gray butyl rubber stopper	
3BF07092	Blue flip off cap φ13mm	
3BF07024	3ml clear glass crimp vial φ13mm	
3BF07023	3ml clear glass crimp vial φ13mm	

3ml screw glass vial

Part No	Product description	Image
3BF05010	3ml amber glass vial $\phi 16 \times 35\text{mm}$	
3BF05017	Black solid top PP cap nature PTFE/silicone septa	
3BF06022	3ml clear screw vial $\phi 17.6 \times 35\text{mm}$	
3BF06049	White screw cap gray PTFE septa 1.5mm	
3BF06048	Black screw cap gray PTFE septa 1.5mm	

screw glass vial

Part No	Product description	Image
3BF05001	4ml clear glass vial $\phi 14.7 \times 45\text{mm}$	
3BF05002	4ml clear glass vial $\phi 14.7 \times 45\text{mm}$ with write-on spot and scale	
3BF05005	4ml amber glass vial $\phi 14.7 \times 45\text{mm}$	
3BF05006	4ml amber glass vial $\phi 14.7 \times 45\text{mm}$ with write-on spot and scale	
3BF06017	6ml clear glass vial $\phi 17 \times 56\text{mm}$	
3BF06018	6ml amber glass vial $\phi 17 \times 56\text{mm}$	
3BF06010	8ml clear glass vial $\phi 17 \times 60\text{mm}$	
3BF06012	8ml amber glass vial $\phi 17 \times 60\text{mm}$	
3BF06015	10ml clear glass vial $\phi 18.4 \times 56\text{mm}$	
3BF06016	10ml amber glass vial $\phi 18.4 \times 56\text{mm}$	
3BF06013	12ml clear glass vial $\phi 18.4 \times 66\text{mm}$	
3BF06014	12ml amber glass vial $\phi 18.4 \times 66\text{mm}$	
3BF06004	16ml clear glass vial $\phi 22.5 \times 56\text{mm}$	
3BF06005	16ml amber glass vial $\phi 22.5 \times 56\text{mm}$	
3BF06006	20ml clear glass vial $\phi 22.5 \times 75\text{mm}$	
3BF06008	20ml amber glass vial $\phi 22.5 \times 75\text{mm}$	
3BF06007	20ml clear glass vial $\phi 22.5 \times 86\text{mm}$	
3BF06009	20ml amber glass vial $\phi 22.5 \times 86\text{mm}$	

Part No	Product description	Image
3BF08003	20ml clear glass vial $\phi 27.5 \times 57\text{mm}$	
3BF08005	20ml amber glass vial $\phi 27.5 \times 57\text{mm}$	
3BF08008	30ml clear glass vial $\phi 27.5 \times 72\text{mm}$	
3BF08010	30ml amber glass vial $\phi 27.5 \times 72\text{mm}$	
3BF08013	40ml clear glass vial $\phi 27.5 \times 95\text{mm}$	
3BF08015	40ml amber glass vial $\phi 27.5 \times 95\text{mm}$	
3BF08020	50ml clear glass vial $\phi 27.5 \times 122\text{mm}$	
3BF08021	50ml amber glass vial $\phi 27.5 \times 122\text{mm}$	
3BF08022	60ml clear glass vial $\phi 30 \times 125\text{mm}$	
3BF08025	60ml amber glass vial $\phi 30 \times 125\text{mm}$	
3BF08023	60ml clear glass vial $\phi 27.5 \times 140\text{mm}$	
3BF08024	60ml amber glass vial $\phi 30 \times 125\text{mm}$	

cap and septa

Part No	Product description	Image
3BF06029	Black solid top PP Cap PTFE/silicone septa	
3BF06031	White solid top PP Cap PTFE/silicone septa	
3BF06032	Black solid top PP Cap PE septa	
3BF06033	Black open top PP Cap PTFE/silicone septa	
3BF06036	Black solid top PP cap PTFE/silicone septa	
3BF06044	Black solid top PP cap PE septa	
3BF06041	Black open top PP cap PTFE/silicone septa	
3BF06038	Black solid top PP cap PTFE/PE septa	
3BF05013	Black open top PP cap nature PTFE/silicone septa	
3BF08037	Black solid top PP cap with PTFE/silicone septa	
3BF08043	Black solid top PP cap with PE septa	
3BF08033	White solid top PP cap with PTFE/silicone septa	

Part No	Product description	Image
3BF08035	Black open top PP cap with PTFE/silicone septa	
3BF08036	White open top PP cap with PTFE/silicone septa	
3BF08032	Black open top PP cap bonded with PTFE/silicone septa	

Vial rack

- Portable assembled bottle holder for easy storage and identification.

Part No	Product description	Image
3BF09005	White vial rack ø20mm 4*10 holes	
3BF09006	White vial rack ø25mm 3*8 holes	
3BF09007	White vial rack ø31mm 3*7 holes	

Wide opening bottle

Part No	Product description	Image
3AC00013	37ml clear screw vial with cap and septum	
3AC00010	30ml clear screw vial with cap and septum	
3AC00009	50ml clear screw vial with cap and septum	
3AC00007	60ml clear screw vial with cap and septum	
3AC00002	100ml clear screw vial with cap and septum	
3AC00001	120ml clear screw vial with cap and septum	
	250ml clear screw vial with cap and septum	
	500ml clear screw vial with cap and septum	
3AC00011	40ml amber screw vial with cap and septum	
3AC00008	60ml amber screw vial with cap and septum	
3AC00004	100ml amber screw vial with cap and septum	
3AC00003	120ml amber screw vial with cap and septum	
3AC00005	250ml amber screw vial with cap and septum	
3AC00006	500ml amber screw vial with cap and septum	

Straight bottle Narrow mouth bottle

Part No	Product description	Image
3BF18002	250ml amber screw vial with cap and septum	
3BF18001	250ml clear screw vial with cap and septum	
	500ml amber screw vial with cap and septum	
	1000ml amber screw vial with cap and septum	

Mobile phase solvent bottle

- Consistent glass composition, uniform wall thickness standards, precise dimensions and strict tolerances;
- Resistant to strong acid and alkali, high temperature and low temperature refrigeration, excellent sealing;
- Suitable for liquid chromatography, used as a mobile phase solvent bottle;
- GL45 standard threaded port, a variety of caps are optional It is recommended to use mobile phase safety bottle caps, which can effectively reduce dust falling and mobile phase volatilization.

Mobile phase solvent bottle

Part No	Product description	Image
3BF17012	100ml clear mobile phase solvent bottle	
3BF17013	250ml clear mobile phase solvent bottle	
3BF17014	500ml clear mobile phase solvent bottle	
3BF17015	1000ml clear mobile phase solvent bottle	
3BF17016	2000ml clear mobile phase solvent bottle	
	1000ml clear solvent bottle wide opening	
3BF17018	100ml amber mobile phase solvent bottle	
3BF17019	250ml amber mobile phase solvent bottle	
3BF17020	500ml amber mobile phase solvent bottle	
3BF17021	1000ml amber mobile phase solvent bottle	
3BF17022	2000ml amber mobile phase solvent bottle	

Tube

- Made of borosilicate glass, it can be used for analysis at temperatures above 120°C;
- Resistant to various chemical solvents, strong sealing, avoiding solvent volatilization and leakage;
- Can be applied to various brands of digesters, such as American hash HACH, etc.;

Part No	Product description	Image
3BF11001	10ml screw glass tube with round bottom	
3BF11003	16ml screw glass tube with round bottom	
3BF11005	10ml screw glass tube with flat bottom	

Cap with septa for tube

Part No	Product description	Image
3BF11008	White PP cap with beige PTFE/beige silicone septa	
3BF11009	White PC cap with beige PTFE/beige silicone septa	
3BF11010	Transparent PC cap with beige PTFE beige silicone septa	
3BF11007	White PF cap with beige PTFE/beige silicone septa	

Glass test tube flat mouth round bottom

Part No	Volumn	Sizes	Image
	3ml	φ12*48mm	
	5ml	φ16*48mm	
	26ml	φ30*48mm	
	8ml	φ12*100mm	
	13ml	φ16*100mm	
	35ml	φ25*100mm	
	58ml	φ30*100mm	
	11ml	φ12*150mm	
	21ml	φ16*150mm	
	55ml	φ25*150mm	
	78ml	φ30*150mm	

GL45 caps

Part No	Product description	Image
3BF17001	GL45 cap with 1 port light blue	
3BF17002	GL45 cap with 2 ports light blue	
3BF17003	GL45 cap with 3 ports light blue	
3BF17007	GL45 cap with 4 ports dark blue	
3BF17008	GL45 cap with 5 ports dark blue	
HM-00G45C+ 3BF17060	GL45 cap with 3 ports gray	
3BF17057	GL45 solid top cap	
HM-00G45B	Beige PTFE and beige silicone septa	

Safety cap and waste cap

- Possible problems in the laboratory: Solvent volatilization, strong odor, and potential respiratory health hazards; dust falling into the bottle contaminates the mobile phase solvent;
- The solvent is easy to deteriorate; the mobile phase solvent volatilizes, and the concentration decreases, which affects the experimental results; the pipeline is messy and easy to entangle; Some laboratories do not cover the lid, the pipeline is not fixed, shaking and other conditions may easily cause the solvent inlet to be higher than the solvent liquid level, causing air to enter the equipment.

Part No	Product description	Image
3BF16004	1 port	
3BF16005	2 ports	
LDXG-G45-100	check valve	
BJJT-0001 BJJT-0002	Solvent Thread Adapter	
3BF7055	1000ml 4-opening solvent bottle	
2E1021	GL45 1 thick tube and 2 thin tubes can be connected	
HM-FYT010	GL45 10L waste collection tank 230*230*305mm	
3BF16011	S60 1 thick tube and 2 thin tubes can be connected	
2E2031	S60 20L waste collection tank 255*270*395mm	
3BF16019	Waste filter	

Ion chromatography eluent bottle

- Made of excellent materials, resistant to strong acid and alkali;
- Designed to withstand a pressure of 0.2MPa;
- Equipped with a nitrogen pressure regulating valve, the maximum inlet pressure is 300psi, the maximum outlet pressure is 30psi (the actual use pressure is 5-10psi).

Ion chromatography eluent bottle+sampling bottle

Part No	Product description	Image
3BF15001	2000ml white bottle including 3 ports cap and tube	
3BF06019	8ml clear screw glass vial 18.4*46mm	
	Black open top cap with cross-slited PTFE silicone septum	

5ml plastic sampling vial (Suitable for AS-DV auto-sampler)

Part No	Product description	Packaging	Image
	5ml plastic sampling vial+20ul filter cap	200 suits/PK	
	20ul filter cap	200 PCS/PK	
	5ml plastic sampling vial	200 PCS/PK	

SPE Manifolds and Columns

- Options: 12,19, 24 ports;
- The top cover is made of PTFE, resistant to strong acid and alkali;
- Polypropylene quark valve, easy to adjust;
- PTFE channel, resistant to strong acid and alkali, easy to clean.

SPE

Part No	Product description	Image
3GC02001	12 ports	
3GC02002	19 ports	
3GC02003	24 ports	

Accessories

Part No	Product description	Image
2H1023	Pump	
	Valve	
	PTFE adaptor	

Solid Phase Extraction Column

Part No	Product description	Packaging	Image
3BE00017	C18 SPE column 100mg 1ml,capped	100 pcs/box	
3BE00018	C18 SPE column,200mg 3ml,capped	50 pcs/box	
3BE00019	C18 SPE column,500mg 3ml,capped	50 pcs/box	
3BE00020	C18 SPE column,500mg 6ml,capped	30 pcs/box	
3BE00021	C18 SPE column,1000mg 6ml,capped	30 pcs/box	
3BE00022	C18 SPE column,1000mg 12ml,capped	20 pcs/box	
3BE00023	C18 SPE column,2000mg 12ml,capped	20 pcs/box	
3BE00024	PSA SPE column, 100mg 1ml	100 pcs/box	
3BE00025	PSA SPE column, 200mg 3ml	50 pcs/box	
3BE00026	PSA SPE column, 250mg 3ml	50 pcs/box	
3BE00027	PSA SPE column, 500mg 3ml	50 PCS/PK	
3BE00028	PSA SPE column, 500mg 6ml	50 PCS/PK	
3BE00029	PSA SPE column, 1000mg 6ml	30 pcs/box	
3BE00030	PSA SPE column, 1000mg 12ml	20 pcs/box	
3BE00031	PSA SPE column, 2000mg 12ml	20 pcs/box	
3BE00032	PRS SPE column, 100mg	100/box	
3BE00033	PRS SPE column, 200mg	50/box	
3BE00034	PRS SPE column, 250mg	50/box	
3BE00035	PRS SPE column, 500mg	50/box	
3BE00036	PRS SPE column, 250mg	30/box	
3BE00037	PRS SPE column, 500mg	30/box	
3BE00038	PRS SPE column, 1000mg	30/box	
3BE00039	PRS SPE column, 1000mg	20/box	
3BE00040	PRS SPE column, 2000mg	20/box	
3BE00041	NH2 SPE column, 100mg 1ml	100 pcs/box	
3BE00042	NH2 SPE column, 200mg 3ml	100 pcs/box	
3BE00043	NH2 SPE column, 500mg 3ml	50 pcs/box	
3BE00044	NH2 SPE column, 250mg 6ml	30 pcs/box	
3BE00045	NH2 SPE column, 500mg 6ml	30 pcs/box	
3BE00046	NH2 SPE column, 1000mg 6ml	30 pcs/box	
3BE00047	NH2 SPE column, 1000mg 12ml	20 pcs/box	
3BE00048	NH2 SPE column, 2000mg 12ml	20 pcs/box	
3BE00049	Silica SPE Column, 100mg 1ml	100 pcs/box	
3BE00050	Silica SPE Column, 200mg 3ml	50 pcs/box	
3BE00051	Silica SPE Column, 500mg 3ml	50 pcs/box	
3BE00052	Silica SPE Column, 500mg 6ml	30 pcs/box	
3BE00053	Silica SPE Column, 1000mg 6ml	30 pcs/box	

Part No	Product description	Packaging
3BE00054	Silica SPE Column, 1000mg 12ml	20 pcs/box
3BE00055	Silica SPE Column, 2000mg 12ml	20 pcs/box
3BE00056	CARB/NH2 SPE Column, 500mg 3ml	50 pcs/box
3BE00057	CARB/NH2 SPE Column, 500mg 6ml	30 pcs/box
3BE00058	CARB/NH2 SPE Column, 300mg 3ml	50 pcs/box
3BE00059	CARB/NH2 SPE column, 300mg 6ml	30 pcs/box
3BE00060	Diol SPE Column, 100mg 1ml	100 pcs/box
3BE00061	Diol SPE Column, 200mg 3ml	50 pcs/box
3BE00062	Diol SPE Column, 250mg 3ml	50 pcs/box
3BE00063	Diol SPE Column, 500mg 3ml	50 PCS/PK
3BE00064	Diol SPE Column, 250mg 6ml	30 pcs/box
3BE00065	Diol SPE Column, 500mg 6ml	30 pcs/box
3BE00066	Diol SPE Column, 1000mg 6ml	30 pcs/box
3BE00067	Diol SPE Column, 1000mg 12ml	20 pcs/box
3BE00068	Diol SPE Column, 2000mg 12ml	20 pcs/box
3BE00069	C8 SPE Column, 50mg 1ml	100 pcs/box
3BE00070	C8 SPE column, 100mg 1ml	100 pcs/box
3BE00071	C8 SPE column, 200mg 3ml	50 pcs/box
3BE00072	C8 SPE column, 500mg 3ml	50 pcs/box
3BE00073	C8 SPE column, 500mg 6ml	30 pcs/box
3BE00074	C8 SPE column, 1000mg 6ml	30 pcs/box
3BE00075	C8 SPE column, 1000mg 12ml	20 pcs/box
3BE00076	C8 SPE column, 2000mg 12ml	20 pcs/box
3BE00077	SAX SPE column, 30mg 1ml	100 pcs/box
3BE00078	SAX SPE column, 100mg 1ml	100 pcs/box
3BE00079	SAX SPE column, 100mg 3ml	50 pcs/box
3BE00080	SAX SPE column, 200mg 3ml	50 pcs/box
3BE00081	SAX SPE column, 500mg 3ml	50 pcs/box
3BE00082	SAX SPE column, 200mg 6ml	30 pcs/box
3BE00083	SAX SPE column, 500mg 6ml	30 pcs/box
3BE00084	SAX SPE column, 1000mg 6ml	30 pcs/box
3BE00085	SAX SPE column, 1000mg 12ml	20 pcs/box
3BE00086	SAX SPE column, 2000mg 12ml	20 pcs/box

Part No	Product description	Packaging
3BE00087	CN SPE Column, 100mg 1ml	100 pcs/box
3BE00088	CN SPE column, 200mg 3ml	50 pcs/box
3BE00089	CN SPE column, 250mg 3ml	50 pcs/box
3BE00090	CN SPE Column, 500mg 3ml	50 pcs/box
3BE00091	CN SPE Column, 250mg 6ml	30 pcs/box
3BE00092	CN SPE Column, 500mg 6ml	30 pcs/box
3BE00093	CN SPE Column, 1000mg 6ml	30 pcs/box
3BE00094	CN SPE Column, 1000mg 12ml	20 pcs/box
3BE00095	CN SPE Column, 2000mg 12ml	20 pcs/box
3BE00096	CARB/PSA SPE Column, 500mg 3ml	50 pcs/box
3BE00097	CARB/PSA SPE Column, 500mg 6ml	30 pcs/box
3BE00098	CARB/PSA SPE Column, 300mg 3ml	50 pcs/box
3BE00099	CARB/PSA SPE Column, 300mg 6ml	30 pcs/box
3BE00100	Tea special SPE column, 1000mg 6ml	30 pcs/box
3BE00101	SPE Column for Tea, 1000mg 12ml	20 pcs/box
3BE00102	SPE column for honey, 900mg 6ml	30 pcs/box
3BE00103	SPE column for chloropropanol, 5000mg 20ml	20 pcs/box
3BE00104	SPE Column for Sudan Red, 500mg 6ml	30 pcs/box
3BE00105	SPE Column for Sudan Red, 1000mg 12ml	20 pcs/box
3BE00106	Benzo(a)pyrene SPE column, 500mg 6ml	30 pcs/box
3BE00107	Polyamide SPE Column, 500mg 3ml	50 pcs/box
3BE00108	Polyamide SPE column, 500mg 6m	30 pcs/box
3BE00109	Polyamide SPE column, 1000mg 6ml	30 pcs/box
3BE00110	Polyamide SPE column, 2000mg 12ml	20 pcs/box
3BE00111	SPE Column for Antioxidant Detection, 2000mg 12ml	20 pcs/box
3BE00112	Florisil SPE Column, 100mg	100/box
3BE00113	Florisil SPE Column, 200mg 3ml	50 pcs/box
3BE00114	Florisil SPE Column, 500mg 3ml	50 pcs/box
3BE00115	Florisil SPE Column, 500mg 6ml	30 pcs/box
3BE00116	Florisil SPE Column, 1000mg 6ml	30 pcs/box
3BE00117	Florisil SPE Column, 1000mg 12ml	20 pcs/box
3BE00118	Florisil SPE Column, 2000mg 12ml	20 pcs/box
3BE00119	AL-A SPE Column, 100mg 1ml	100 pcs/box

Part No	Product description	Packaging
3BE00120	AL-A SPE Column, 200mg 3ml	50 PCS/PK
3BE00121	AL-A SPE Column, 500mg 3ml	50 pcs/box
3BE00122	AL-A SPE Column, 500mg 6ml	30 pcs/box
3BE00123	AL-A SPE Column, 1000mg 6ml	30 pcs/box
3BE00124	AL-A SPE Column, 1000mg 12ml	20 pcs/box
3BE00125	AL-A SPE Column, 2000mg 12ml	20 pcs/box
3BE00126	AL-B SPE Column, 100mg 1ml	100 pcs/box
3BE00127	AL-B SPE Column, 200mg 3ml	50 pcs/box
3BE00128	AL-B SPE Column, 500mg 3ml	50 pcs/box
3BE00129	AL-B SPE Column, 500mg 6ml	30 pcs/box
3BE00130	AL-B SPE Column, 1000mg 6ml	30 pcs/box
3BE00131	AL-B SPE Column, 1000mg 12ml	20 pcs/box
3BE00132	AL-B SPE Column, 2000mg 12ml	20 pcs/box
3BE00133	AL-N SPE Column, 100mg 1ml	100 pcs/box
3BE00134	AL-N SPE Column, 200mg 3ml	50 pcs/box
3BE00135	AL-N SPE Column, 500mg 3ml	50 pcs/box
3BE00136	AL-N SPE Column, 500mg 6ml	30 pcs/box
3BE00137	AL-N SPE Column, 1000mg 6ml	30 pcs/box
3BE00138	AL-N SPE Column, 1000mg 12ml	20 pcs/box
3BE00139	AL-N SPE Column, 2000mg 12ml	20 pcs/box
3BE00140	CARB SPE Column, 100mg 1ml	100 pcs/box
3BE00141	CARB SPE Column, 200mg 3ml	50 pcs/box
3BE00142	CARB SPE Column, 500mg 3ml	50 pcs/box
3BE00143	CARB SPE Column, 500mg 6ml	30 pcs/box
3BE00144	CARB SPE Column, 1000mg 6ml	30 pcs/box
3BE00145	CARB SPE Column, 1000mg 12ml	20 pcs/box
3BE00146	CARB SPE Column, 2000mg 12ml	20 pcs/box
3BE00147	HLB SPE column, 30mg 1ml	100 pcs/box
3BE00148	HLB SPE column, 60mg 1ml	100 pcs/box
3BE00149	HLB SPE Column, 30mg 3ml	50 pcs/box
3BE00150	HLB SPE Column, 60mg 3ml	50 pcs/box
3BE00151	HLB SPE Column, 150mg 6ml	30 pcs/box
3BE00152	HLB SPE Column, 200mg 6ml	30 pcs/box

Part No	Product description	Packaging
3BE00153	HLB SPE Column, 500mg 6ml	30 pcs/box
3BE00154	HLB SPE column, 500mg 12ml	20 pcs/box
3BE00155	MCX SPE Column, 30mg 1ml	100 pcs/box
3BE00156	MCX SPE Column, 60mg 1ml	100 pcs/box
3BE00157	MCX SPE Column, 30mg 3ml	50 pcs/box
3BE00158	MCX SPE Column, 60mg 3ml	50 pcs/box
3BE00159	MCX SPE Column, 150mg 6ml	30 pcs/box
3BE00160	MCX SPE Column, 200mg 6ml	30 pcs/box
3BE00161	MCX SPE Column, 500mg 6ml	30 pcs/box
3BE00162	MCX SPE Column, 500mg 12ml	20 pcs/box
3BE00163	MCX SPE Column, 1000mg 12ml	20 pcs/box
3BE00164	MAX SPE Column, 30mg 1ml	100 pcs/box
3BE00165	MAX SPE column, 60mg 1ml	100 pcs/box
3BE00166	MAX SPE column, 30mg 3ml	50 pcs/box
3BE00167	MAX SPE column, 60mg 3ml	50 pcs/box
3BE00168	MAX SPE Column, 150mg 6ml	30 pcs/box
3BE00169	MAX SPE column, 200mg 6ml	30 pcs/box
3BE00170	MAX SPE column, 500mg 6ml	30 pcs/box
3BE00171	MAX SPE column, 500mg 12ml	20 pcs/box
3BE00172	MAX SPE column, 1000mg 12ml	20 pcs/box
3BE00173	WCX SPE column, 30mg 1ml	100 pcs/box
3BE00174	WCX SPE column, 60mg 1ml	100 pcs/box
3BE00175	WCX SPE column, 30mg 3ml	50 pcs/box
3BE00176	WCX SPE column, 60mg 3ml	50 pcs/box
3BE00177	WCX SPE Column, 150mg 6ml	30 pcs/box
3BE00178	WCX SPE column, 200mg 6ml	30 pcs/box
3BE00179	WCX SPE Column, 500mg 6ml	30 pcs/box
3BE00180	WCX SPE Column, 500mg 12ml	20 pcs/box
3BE00181	WCX SPE column, 1000mg 12ml	20 pcs/box
3BE00182	WAX SPE Column, 30mg 1ml	100 pcs/box
3BE00183	WAX SPE Column, 60mg 1ml	100 pcs/box
3BE00184	WAX SPE Column, 30mg 3ml	50 pcs/box
3BE00185	WAX SPE Column, 60mg 3ml	50 pcs/box

Part No	Product description	Packaging
3BE00186	WAX SPE Column, 150mg 6ml	30 pcs/box
3BE00187	WAX SPE Column, 200mg 6ml	30 pcs/box
3BE00188	WAX SPE Column, 500mg 6ml	30 pcs/box
3BE00189	WAX SPE Column, 500mg 12ml	20 pcs/box
3BE00190	WAX SPE Column, 1000mg 12ml	20 pcs/box
3BE00191	SCX SPE column, 100mg 1ml	100 pcs/box
3BE00192	SCX SPE Column, 200mg 3ml	50 pcs/box
3BE00193	SCX SPE column, 250mg 3ml	50 pcs/box
3BE00194	SCX SPE Column, 500mg 3ml	50 pcs/box
3BE00195	SCX SPE Column, 250mg 6ml	30 pcs/box
3BE00196	SCX SPE Column, 500mg 6ml	30 pcs/box
3BE00197	SCX SPE Column, 1000mg 6ml	30 pcs/box
3BE00198	SCX SPE Column, 1000mg 12ml	20 pcs/box
3BE00199	SCX SPE column, 2000mg 12ml	20 pcs/box
3BE00200	Silica/PSA SPE Column, 500mg 3ml	50 pcs/box
3BE00201	Silica/PSA SPE Column, 500mg 6ml	30 pcs/box
3BE00202	Silica/PSA SPE Column, 300mg 3ml	50 pcs/box
3BE00203	Silica/PSA SPE Columns, 300mg	30 pcs/box
3BE00204	PBA SPE Column, 100mg 3ml	50 pcs/box
3BE00205	PBA SPE column, 500mg 6ml	30 pcs/box

QuEChERS

- QuEChERS method has a high recovery rate, which is greater than 85% for a large number of polar and volatile pesticide species;
- High precision and accuracy, can be calibrated by internal standard method;
- A wide range of pesticides can be analyzed, including polar and non-polar pesticide species can use this technology to get a good recovery rate.

Extraction Products

Part No	Product description	Packaging	Image
HM-AOACT50	50 ml Tube (AOAC Method); 1.5g sodium acetate, 6g MgSO ₄	50 pcs/box	
HM-CENT50	50 ml Tube (CEN Method); 4 g MgSO ₄ , 1g NaCl, 1g trisodium citrate dehydrate, 0.5 g disodium hydrogen-citrate sesquihydrate	50 pcs/box	
HM-AOACQ	QuE Pouch (AOAC Method); 1.5g sodium acetate, 6g MgSO ₄	50 pcs/box	
HM-CENQ	QuE Pouch (CEN Method); 4g MgSO ₄ , 1g NaCl, 1g trisodium citrate dehydrate, 0.5g disodium hydrogen-citrate sesquihydrate	50 pcs/box	

Clean-Up Tubes

Part No	Product description	Packaging	Image
HM-CT001	2ml Tube;150mg MgSO ₄ ,50mg PSA	100 pcs/PK	
HM-CT002	2ml Tube;150mgMgSO ₄ ,50mg PSA,25mg C18	100 pcs/PK	
HM-CT003	2ml Tube;150mg MgSO ₄ ,25mg PSA	100 pcs/PK	
HM-CT004	2ml Tube;150mg MgSO ₄ ,25mg PSA,25mg C18 I	100 pcs/PK	
HM-CT005	2ml Tube;150mg MgSO ₄ ,25mg PSA,25mg C18,7mg GCB	100 pcs/PK	
HM-CT006	2ml Tube;150mg MgSO ₄ ,50mg C18	100 pcs/PK	
HM-CT007	2ml Tube;150mg MgSO ₄ ,25mg PSA,2.5mg GCB	100 pcs/PK	
HM-CT008	15ml Tube;900mg MgSO ₄ ,150mg PSA	100 pcs/PK	
HM-CT009	15ml Tube;900mg MgSO ₄ ,150mg PSA,150mg C18	100 pcs/PK	
HM-CT010	15ml Tube;1200mg MgSO ₄ ,400mg PSA	100 pcs/PK	
HM-CT011	15ml Tube;1200mg MgSO ₄ ,400mg PSA,400mg C18	100 pcs/PK	
HM-CT012	15ml Tube;1200mg MgSO ₄ ,400mg PSA,400mg C18 400mg GCB	100 pcs/PK	
HM-CT013	15ml Tube;900mg MgSO ₄ ,300mg PSA	100 pcs/PK	
HM-CT014	15ml Tube;900mg MgSO ₄ ,300mg PSA,300mg C18	50 pcs/PK	
HM-CT015	15ml Tube;900mg MgSO ₄ ,450mg PSA,300mg C18 50mg GCB	50 pcs/PK	

Graphitized carbon filler

- It has high purification effect, high recovery rate and high reproducibility;
- widely used in the analysis of pesticide residues, and can be used to purify organic extracts of animals and plants and remove pigments in pretreatment of samples such as fruits and vegetables.

Graphitized carbon filler

Part No	Product description	Image
SC699640-100G	100g 120/400 mesh	
SC699640-100G-BN	100g 50/150 mesh	
SC699640-600G-BN	600g 50/150 mesh	

Disposable needle-free syringes

- Has good sealing to avoid leakage
- The scale line is formed by injection molding at one time, and there is no pollution to the product by ink;
- PE stopper: It can more effectively avoid chemical corrosion, and is more suitable for sample packaging and chemical reagent sampling;
- No stopper: To avoid possible precipitation of chemical substances in the rubber stopper and contamination of samples by oxidants that may remain during ethylene oxide sterilization;
- The sterilized version is individually packaged and sterilized by cyclohexane.

Part No	Product description	Image
3AJ04001	1ml disposable syringe sterilized no needle 100 PCS/PK 60 PKs/CTN	
3AJ04002	2ml disposable syringe sterilized no needle 100 PCS/PK 36 PKs/CTN	
3AJ04003	3ml disposable syringe sterilized no needle 100 PCS/PK 36 PKs/CTN	
3AJ04004	5ml disposable syringe sterilized no needle 100 PCS/PK 25 PKs/CTN	
3AJ04005	10ml disposable syringe sterilized no needle 100 PCS/PK 18 PKs/CTN	
3AJ04006	20ml disposable syringe sterilized no needle 100 PCS/PK 10 PKs/CTN	
3AJ04007	1ml disposable syringe no needle 100 PCS/PK 50 PKs/CTN	
3AJ04008	2ml disposable syringe no needle 100 PCS/PK 50 PKs/CTN	
3AJ04009	3ml disposable syringe no needle 100 PCS/PK 50 PKs/CTN	
3AJ04010	5ml disposable syringe no needle 100 PCS/PK 50 PKs/CTN	
3AJ04011	10ml disposable syringe no needle 100 PCS/PK 50 PKs/CTN	
3AJ04012	20ml disposable syringe no needle 100 PCS/PK 50 PKs/CTN	

Part No	Product description	Image
3AJ04013	1ml disposable syringe sterilized no needle no plug 100 PCS/PK 60 PKs/CTN	
3AJ04014	2ml disposable syringe sterilized no needle no plug 100 PCS/PK 36 PKs/CTN	
3AJ04015	3ml disposable syringe sterilized no needle no plug 100 PCS/PK 36 PKs/CTN	
3AJ04016	5ml disposable syringe sterilized no needle no plug 100 PCS/PK 25 PKs/CTN	
3AJ04017	10ml disposable syringe sterilized no needle no plug 100 PCS/PK 18 PKs/CTN	
3AJ04018	20ml disposable syringe sterilized no needle no plug 100 PCS/PK 10 PKs/CTN	
3AJ04019	1ml disposable syringe no needle no plug 100 PCS/PK 50 PKs/CTN	
3AJ04020	2ml disposable syringe no needle no plug 100 PCS/PK 50 PKs/CTN	
3AJ04021	3ml disposable syringe no needle no plug 100 PCS/PK 50 PKs/CTN	
3AJ04022	5ml disposable syringe no needle no plug 100 PCS/PK 50 PKs/CTN	
3AJ04023	10ml disposable syringe no needle no plug 100 PCS/PK 50 PKs/CTN	
3AJ04024	20ml disposable syringe no needle no plug 100 PCS/PK 50 PKs/CTN	

Syringe filter

- Widely used in drug analysis, food testing, environmental monitoring, protein removal and sterility testing;
- Syringe filters are available for HPLC analysis and sample preparation for LC;
- Stable membrane quality ensures the consistency of analysis results.



Description	13mm*0.22μm	13mm*0.45μm	25mm*0.22μm	25mm*0.45μm
Nylon	3BG00001	3BG00002	3BG00003	3BG00004
PES	3BG00021	3BG00022	3BG00023	3BG00024
MCE	3BG00025	3BG00026	3BG00027	3BG00028
Hydrophobic PTFE	3BG00005	3BG00006	3BG00007	3BG00008
Hydrophilic PTFE	3BG00009	3BG00010	3BG00011	3BG00012
Hydrophobic PVDF	3BG00013	3BG00014	3BG00015	3BG00016
Hydrophilic PVDF	3BG00017	3BG00018	3BG00019	3BG00020
CA	3BG00029	3BG00030	3BG00031	3BG00032
PP	3BG00033	3BG00034	3BG00035	3BG00036

Syringe filter (sterilized)

- The shell material is made of high-quality sanitary grade polypropylene material with precise structure design;
- Widely used in drug analysis, food testing, environmental monitoring, protein removal and sterility testing;
- Syringe filters are available for HPLC analysis and sample preparation for LC;
- Stable membrane quality ensures the consistency of analysis results.



Part No	Color	Product description	Packaging
3BG00037	Green	Nylon 13mm*0.22um sterilized individual	100 PCS/PK 22 PKs/CTN
3BG00038	White	Nylon 13mm*0.45um sterilized individual	100 PCS/PK 22 PKs/CTN
3BG00039	Green	Nylon 25mm*0.22um sterilized individual	50 PCS/PK 22 PKs/CTN
3BG00040	White	Nylon 25mm*0.45m sterilized individual	50 PCS/PK 22 PKs/CTN
3BG00041	Red	Hydrophobic PTFE 13mm*0.22um sterilized individual	100 PCS/PK 22 PKs/CTN
3BG00042	Orange	Hydrophobic PTFE 13mm*0.45um sterilized individual	100 PCS/PK 22 PKs/CTN

3BG00043	Red	Hydrophobic PTFE 25mm*0.22um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00044	Orange	Hydrophobic PTFE 25mm*0.45um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00045	Red	Hydrophilic PTFE 13mm*0.22um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00046	Orange	Hydrophilic PTFE 13mm*0.45um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00047	Red	Hydrophilic PTFE 25mm*0.22um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00048	Orange	Hydrophilic PTFE 25mm*0.45um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00049	Pink	Hydrophobic PVDF 13mm*0.22um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00050	Purple	Hydrophobic PVDF 13mm*0.45um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00051	Pink	Hydrophobic PVDF 25mm*0.22um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00052	Purple	Hydrophobic PVDF 25mm*0.45um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00053	Pink	Hydrophilic PVDF 13mm*0.22um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00054	Purple	Hydrophilic PVDF 13mm*0.45um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00055	Pink	Hydrophilic PVDF 25mm*0.22um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00056	Purple	Hydrophilic PVDF 25mm*0.45um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00057	Yellow	PES 13mm*0.22um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00058	Blue	PES 13mm*0.45um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00059	Yellow	PES 25mm*0.22um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00060	Blue	PES 25mm*0.45um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00061	Yellow	MCE 13mm*0.22um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00062	Blue	MCE 13mm*0.45um sterilized individual	100 PCS/PK	22 PKS/CTN
3BG00063	Yellow	MCE 25mm*0.22um sterilized individual	50 PCS/PK	22 PKS/CTN
3BG00064	Blue	MCE 25mm*0.45um sterilized individual	50 PCS/PK	22 PKS/CTN
ZP-B132193	Yellow	CA 13mm*0.22um sterilized individual	100 PCS/PK	22 PKS/CTN
ZP-B132194	Blue	CA 13mm*0.45um sterilized individual	100 PCS/PK	22 PKS/CTN
ZP-B132195	Yellow	CA 25mm*0.22um sterilized individual	50 PCS/PK	22 PKS/CTN
ZP-B132196	Blue	CA 25mm*0.45um sterilized individual	50 PCS/PK	22 PKS/CTN
ZP-B132197	Green	PP 13mm*0.22um sterilized individual	100 PCS/PK	22 PKS/CTN
ZP-B132198	White	PP 13mm*0.45um sterilized individual	100 PCS/PK	22 PKS/CTN
ZP-B132199	Green	PP 25mm*0.22um sterilized individual	50 PCS/PK	22 PKS/CTN
ZP-B132200	White	PP 25mm*0.45um sterilized individual	50 PCS/PK	22 PKS/CTN

PP solvent bottles

- Made of high-quality PP/HDPE, non-biological toxicity, 100,000-level clean workshop production environment, acid, alkali, alcohol, etc.
- Multiple quality system certifications to ensure no DNase/RNase, no pyrogen, no endotoxin;
- Compression resistance, strong impact resistance, durable, high-quality bottle wall, strong structure, can effectively prevent rupture or puncture, widely used in IVD diagnosis;
- Polypropylene PP can withstand high temperature at 121°C and can be sterilized under high temperature and high pressure; high-density polyethylene HDPE can withstand low temperature at -80°C and can be stored.

HDPE clear bottle with cap Wide

Part No	Volum	Image
3BF10006	30ml White	
3BF10005	60ml White	
3BF10004	125ml White	
3BF10003	250ml White	
3BF10002	500ml White	
3BF10001	1000ml White	
3BF10012	30ml Amber	
3BF10011	60ml Amber	
3BF10010	125ml Amber	
3BF10009	250ml Amber	
3BF10008	500ml Amber	
3BF10007	1000ml Amber	

HDPE clear bottle with the cap Narrow

Part No	Volum	Image
3BF10018	30ml White	
3BF10017	60ml White	
3BF10016	125ml White	
3BF10015	250ml White	
3BF10014	500ml White	
3BF10013	1000ml White	
3BF10024	30ml Amber	
3BF10023	60ml Amber	
3BF10022	125ml Amber	
3BF10021	250ml Amber	
3BF10020	500ml Amber	
3BF10019	1000ml Amber	

Universal pipette tips

- Made of high-purity PP, precision molds to ensure product quality and dimensional stability;
- Not easy to wear, easy to observe the liquid level during use, the inner tube wall is smooth, to ensure the accuracy of liquid absorption, and low liquid residue;
- High stress strength, hard nozzle, good temperature resistance: -80~121°C, no deformation after high temperature and high pressure.

Part No	Product description	Packaging	Image
ZP-D311101	10μl/32mm/Without filter	1000PCS/PK	Without filter
ZP-D311102	10μl lengthen/46mm/Without filter	1000PCS/PK	
ZP-D311103	200μl/51mm/Without filter	1000PCS/PK	
ZP-D311104	200μl lengthen/60mm/Without filter	1000PCS/PK	
ZP-D311105	1000μl lengthen/80mm/Without filter	1000PCS/PK	
ZP-D311106	1000μl lengthen/102mm/Without filter	1000PCS/PK	
ZP-D311107	10μl/sterilized/32mm/Without filter	96PCS/box 10box/PK	With filter
ZP-D311108	10μl lengthen/sterilized/46mm/Without filter	96PCS/box 10box/PK	
ZP-D311109	200μl/sterilized/51mm/Without filter	96PCS/box 10box/PK	
ZP-D311110	200μl lengthen/sterilized/60mm/Without filter	96PCS/box 10box/PK	
ZP-D311111	1000μl/sterilized/80mm/Without filter	96PCS/box 10box/PK	
ZP-D311112	1000μl lengthen/sterilized/102mm/Without filter	96PCS/box 10box/PK	
ZP-D312101	10μl/32mm/With filter	1000PCS/PK	
ZP-D312102	10μl lengthen/46mm/With filter	1000PCS/PK	
ZP-D312103	200μl/51mm/With filter	1000PCS/PK	
ZP-D312104	200μl lengthen/60mm/With filter	1000PCS/PK	
ZP-D312105	1000μl lengthen/80mm/With filter	1000PCS/PK	
ZP-D312106	1000μl lengthen/102mm/With filter	1000PCS/PK	
ZP-D312107	10μl/sterilized/32mm/With filter	96PCS/box 10box/PK	
ZP-D312108	10μl lengthen/sterilized/46mm/With filter	96PCS/box 10box/PK	
ZP-D312109	200μl/sterilized/51mm/With filter	96PCS/box 10box/PK	
ZP-D312110	200μl lengthen/sterilized/60mm/With filter	96PCS/box 10box/PK	
ZP-D312111	1000μl/sterilized/80mm/With filter	96PCS/box 10box/PK	
ZP-D312112	1000μl lengthen/sterilized/102mm/With filter	96PCS/box 10box/PK	

Centrifuge tube

- The tube body is made of PP, which is highly transparent and convenient for sample observation;
- Ultra-fine grinding, unique thickness, legible scale and larger area for marking;
- Strengthen the design of the tube cap, improve the sealing performance of the product, prevent liquid leakage, and the sterilized cap is electron beam sterilized;
- Produced in a 100,000-level dust-free workshop, no DNase, RNase, no pyrogen, no endotoxin;
- Microcentrifuge tube can withstand a centrifugal force of up to 20000RCF, and conventional centrifuge tube is up to 12000RCF.

Part No	Product description	Image
ZP-A311101	0.6ml/Conical, with cap/non-sterile/1000PCS/PK	
ZP-A311102	1.5ml/Conical, with cap/non-sterile/500PCS/PK	
ZP-A311103	2.0ml/Conical, with cap/non-sterile/500PCS/PK	
ZP-A311104	0.6ml/Conical, with cap/Sterilized/1000PCS/PK	
ZP-A311105	1.5ml/Conical, with cap/Sterilized/500PCS/PK	
ZP-A311106	2.0ml/Conical, with cap/Sterilized/500PCS/PK	
3AJO5019	15ml/Conical, with cap/Sterilized/25PCS/PK	
3AJO5020	50ml/Conical, with cap/Sterilized/25PCS/PK	

PEEK connector

- PEEK is a special engineering plastic with excellent properties such as high temperature resistance, self-lubricating, easy processing and high mechanical strength;
- This series of products is convenient, easy to use, reusable, and has good pressure resistance, and the one-piece type does not need a matching blade ring;
- Can be used for 1/16" outer diameter capillary, wide application range, high temperature resistance, corrosion resistance.

Part No	Type	Length	Description	Packaging
3BK18001	1/16	20mm	PEEK Integral joint/10-32UNF	10PCS/PK
3BK18002	1/16	18mm	PEEK Integral round head joint/10-32UNF	10PCS/PK
3BK18003	1/16	18mm	PEEK Integral small flat head joint/10-32UNF	10PCS/PK

3BK18004	1/16	19mm	PEEK integral hex joint/10-32UNF	10PCS/PK
3BK18005	1/8	19mm	PEEK split joint/1/4-28UNF	10PCS/PK
3BK18006	1/16	22mm	PEEK split joint/10-32UNF	1PCS/PK
3BK18007	1/8 to 1/8	25mm	PEEK through the wall/outer3/8-24UNF inner1/4-28UNF*2	1PCS/PK
3BK18008	1/16 to 1/16	36.7mm	PEEK joint-union inner10-32UNFto10-32UN	1PCS/PK
3BK18009	1/8 to 1/8 to 1/8	28mm	PEEK joint-tee-1/4-28UNF* 3	1PCS/PK
3BK18010	1/16 to 1/16 to 1/16 to 1/16	28.7mm	PEEK joint-cross/10-32UNF*4	1PCS/PK
3BK18011	1/16 to 1/8	25mm	PEEK joint- Luer inner union 1/4-28UNFto10-32UN	1PCS/PK
3BK18012	1/16	18mm	Plug/10-32UNF	10PCS/PK
3BK18013	1/16	34.8mm	Adapter/10-32UNF	1PCS/PK
3BK18014	1/8	/	PEEK Blade ring/split joint	10PCS/PK
ZP-B610115	1/8 to 1/8	36.7mm	PEEK joint-union inner 1/4-28UNFto1/4-28UN	1PCS/PK

Joint pipeline

Part No	ID	Length	Product description	Image
3BK09003	0.17mm	150mm	Type A capillary - without fittings	
3BK09011	0.17mm	550mm	Type A capillary - without fittings	
3BK09020	0.12mm	300mm	Type A capillary - without fittings	
3BK09028	0.17mm	150mm	Type A capillary - short metal fittings at A and B ends	
3BK09035	0.17mm	500mm	Type A capillary - short metal fittings at A and B ends	
3BK09041	0.12mm	150mm	Type A capillary - short metal fittings at A and B ends	
3BK09048	0.12mm	500mm	Type A capillary - short metal fittings at A and B ends	
3BK09053	0.17mm	150mm	Type A capillary - fingertight fittings on A and B ends	
3BK09058	0.17mm	350mm	Type A capillary - fingertight fittings on A and B ends	
3BK09066	0.17mm	150mm	Type B capillary - without fittings	
3BK09071	0.17mm	350mm	Type B capillary - without fittings	
3BK09079	0.12mm	150mm	Type B capillary - without fittings	
3BK09084	0.12mm	350mm	Type B capillary - without fittings	

Part No	ID	Length	Product description	Image
3BK09091	0.17mm	150mm	Type B capillary - A and B end fingertight fittings	
3BK09096	0.17mm	350mm	Type B capillary - A and B end fingertight fittings	
3BK09104	0.12mm	150mm	Type B capillary - A and B end fingertight fittings	
3BK09109	0.12mm	350mm	Type B capillary - A and B end fingertight fittings	
3BK09116	0.17mm	150mm	Type C capillary - without fittings	
3BK09121	0.17mm	350mm	Type C capillary - without fittings	
3BK09129	0.12mm	150mm	Type C capillary - without fittings	
3BK09134	0.12mm	350mm	Type C capillary - without fittings	
3BK09141	0.17mm	150mm	Type C capillary - double-ended short metal fittings	
3BK09146	0.17mm	350mm	Type C capillary - double-ended short metal fittings	
3BK09154	0.12mm	150mm	Type C capillary - double-ended short metal fittings	
3BK09159	0.12mm	350mm	Type C capillary - double-ended short metal fittings	

HPLC accessories

Part No	Product description	Image
3BK08001	M1 mirror	
3BK08002	Grating components	
3BK08003	Large lens - Detector Lens Light Source Lens Assembly	
3BK08004	Small lens - Detector Lens Light Source Lens Assembly	
3BK05001	400 bar active inlet valve spool For 1100, 1200 and 1260 Infinity LC pumps	
3BK05002	600 bar active inlet valve spool for 1200 LC system/1260 Infinity II SFC System and 1260 Infinity LC System	
3BK01001	Outlet check valve For 1100, 1200 and 1260 Infinity LC pumps	
3BK01002	Check valve For thermo U3000 analytical liquid chromatography	
3BK01004	Ruby check valve for waters 2695, E2695, 2690	
3BK01005	Ceramic check valve for waters 2695, E2695, 2690	
3BK16001	Stainless steel quantitative loop 100μL For G1313AG1329A/B	
ZP-B630112	restrictive capillary	

Cap

■ Suitable for capillary electrophoresis, such as Maurice KF2213

Part No	Product description	Packaging	Image
ZP-B660101	Blue cap	12 PCS/PK	

Mircro syringes

Part No	Product description	Packaging	Image
3BL03129	5ul autosampler syringe tapered, fixed	1 PCS/PK	
3BL03124	10ul autosampler syringe tapered, fixed	1 PCS/PK	
ZP-B142217	10μL precision plunger manual syringe, fixed	1 PCS/PK	
ZP-B142120	10ul precision plunger blue autosampler syringe, conical, fixed	1 PCS/PK	
ZP-B142173	10ul autosampler syringe, straight, fixed	1 PCS/PK	
ZP-B142159	1ul autosampler syringe, tapered needle	1 PCS/PK	
3BL03125	10ul autosampler syringe, tapered, fixed	1 PCS/PK	
ZP-B142128	10ul PTFE-tipped plunger blue autosampler syringe, straight, fixed	1 PCS/PK	
ZP-B142145	5ul autosampler syringe, tapered, fixed	1 PCS/PK	

Gas phase sampling septa

■ For gas chromatography inlets

Sampling septa

Part No	Unit	Material	Packaging	Image
3B115002	9.5mm	PTFE/yellow silicone	100PCS/PK	
3B115003	7mm	PTFE/yellow silicone	100PCS/PK	

Solvent inlet filter

■ For liquid chromatography mobile phase inlet

Part No	Product description	Image
3BK00001	Glass filter	
3BK00002	Stainless steel sand core filter	
3BK00003	PTFE sand core filter	

Graphite ferrules

■ For the connection between the gas chromatography capillary column and the injection port

Part No	Product description	Unit	Packaging	Image
ZP-B670101	Graphite plug 0.32 mm	15% graphite 85% Vespel	10PCS/PK	
ZP-B670102	Graphite plug 0.45mmto0.53 mm	15% graphite 85% Vespel	10PCS/PK	
ZP-B670103	Graphite plug 0.1to0.25mm	15% graphite 85% Vespel	10PCS/PK	

Manufacturer	Auto-sampler	8mm Screw	9mm Screw	15*45mm 4mL	11mm Crimp	Headspace
Waters	717Plus				✓	
	Acquity	✓	✓		✓	
	Alliance 2690	✓	✓			
	Cap LC	✓	✓		✓	
Agilent	WISP			✓		
	1100, 1050, 1090		✓		✓	
	79855A					
	5880, 5890 (GCS)					
	6880, 6890 (GCS)		✓	✓		
	7673A+7683A					
Shimadzu	7694					10 mL/20mL Crimp 20mL Screw
	G1888A					40mL EPA
	Tekmar3100					
	7695A					
	AOC14/1400					
	AOC 88/9	✓	✓		✓	
Thermo Fisher Diana	LC 2010					
	SIL-HT/10ADVP					
	AOC-20		✓	✓	✓	
	AOC-5000	✓	✓		✓	Round bottom, magnetic
	HSS-2B/4B					✓
	SIL-6A/6B/9A	With flange				
	SIL-10A SIL-10Ai SIL-10Axi	✓	✓			
	A-200S/AS 150/800/8000	✓	✓		✓	
	AS 3000/TRACE GC		✓		✓	
	TriPlus					
Tianmei/Varian	WPS-3000RS					
	WPS-3000SL					
	ASL-100	✓	✓		✓	
	SURVEYOR LC					
	HS2000 HS850					10mL/20mL Crimp
	HS250 HS500 HS800					10mL Round bottom, crimp
	In Kombination mit					10mL/20mL Round bottom crimp, 10mL/20mL Screw
	Combi PAL					
	8034/8035/6100/8200	✓	✓		✓	
	9095/9110					
PerkinElmer	CP-8410		✓	✓	✓	
	Genesis					✓
	Autosystem GC/KXL/AS-2000	✓	✓	✓	✓	
	Clarus 500/600		✓		✓	
	HS16/40					✓
	Integral 4000	✓	✓		✓	
CTC Analytics	ISS-100/200		✓	✓	✓	
	LC 600 42		✓			
	Sample bottle tray		✓			
	LC Plus	✓	✓	✓		✓
	TurboMatrix 40/110					Magnetic
	CombiPal		✓	✓	✓	

Series	-	Agilent	Agilent Crosslab	Waters	Thermo	National	Le-phie-pack	Shimadzu	PE
9-425 Septum of 8-425 Screw Neck Screw Neck Vials	3BF01008	5182-0715 (100/PK)	801D-0014	186000273	60180-509	C4000-1W			N9306201
	3BF01008	5183-2068 (100/PK)	801D-0175						
	3BF01033	5182-0716 (100/PK)	801D-0016	186000848	60180-561	C4000-2W	11 09 0519		
	3BF01033	5183-2069 (1000/PK)	801D-0176						N9306220
	3BF01001	5182-0714 (100/PK)	801D-0015		60180-723	C4000-1	11 09 0500		
	3BF01001	5183-2067 (100/PK)							
	3BF01041	5188-5535 (100/PK)	801D-0017		60180-724				
	3BF01041	5188-5536 (1000/PK)							
	3BF01053				11 09 1205				
	3BF01078	5190-2242 (100/PK)		186002626		C4000-11	11 09 0932		
Caps& Septum of 8-425 Screw Neck Screw Neck Vials	3BF01078	5190-2243 (1000/PK)							
	3BF01050	5188-5591							
	3BF01047	5183-2030							
	3BF01047	5183-2030		186002602					
	3BF01048	5183-2073				C4000-9	11 09 0620		
	3BF01064	5182-0717 (100/PK)				C4000-9A			
	3BF01064	5185-5820 (500/PK)			60180-728	C4000-51B	09 15 1819		
	3BF01080	5185-5829 (1000/PK)			60180-569				
	3BF01080	5185-5836 (500/PK)	801D-0086		60180-729				N9306202
	3BF01080	5182-0721 (100/PK)	801D-0088		60180-571				
Caps& Septum of 8-425 Screw Neck Screw Neck Vials	3BF01080	5185-5864 (500/PK)	801D-0816						
	3BF01080	5182-0722 (100/PK)							
	3BF01080	5040-4681 (100/PK)							
	3BF01080	5040-4683 (100/PK)							
	3BF01099	5183-2076 (100/PK)	801D-0078		60180-672	C4000-56B	09 15 0869		
	3BF01099	5185-5865 (500/PK)	801D-0082						
	3BF01099	5183-2077 (100/PK)	801D-0075						
	3BF01099	5183-2078 (100/PK)							
	3BF01099	5185-5823	801D-0077	186000274		C4000-64B	09 04 1533		
	3BF01099		801D-0074	186002456					
11mm Snap Top Vials	3BF01082	5182-0723 (100/PK)	801D-0087		60180-670	C4000-53B	09 15 0868		
	3BF01082	5185-5862 (500/PK)	801D-0089						
	3BF01082	5182-0724 (100/PK)	801D-0085						
	3BF01082	5185-5861 (500/PK)	801D-0817						
	3BF01082	5182-0725 (100/PK)		186000305	60180-674	C4000-75C	09 04 1534		
	3BF01101	5185-5824 (100/PK)		186002127					
	3BF01101	5040-4649 (1000/PK)		186002457					
	3BF03005	5182-0543 (100/PK)	801D-0001	WAT094222	60180-502	C4011-1W	11 09 0476		N9301385
	3BF03005	5183-4482 (1000/PK)	801D-0170						
	3BF03008	5181-3376 (100/PK)	801D-0003	WAT094223		C4011-2W	11 09 0477		N9302680
Caps& Septum of 11mm Crimp Top Vials	3BF03008	5183-4493 (1000/PK)	801D-0172						
	3BF03001	5181-3375 (100/PK)	801D-0002		11 09 0356	C4011-1			
	3BF03001	5183-4491 (1000/PK)				C4011-2			
	3BF03006		801D-0050	PSL404219	60180-706	C4011-4A	11 03 0247		N9306228
	3BF03012	5183-4500 (1000/PK)	801D-0183		60180-526				
	3BF03013	5181-1210 (100/PK)	801D-0051		60180-705		11 03 1875		N9306015
	3BF03013	5061-3370 (500/PK)	801D-0045						
	3BF03013	5183-4498 (1000/PK)	801D-0181						
	3BF04003	5182-0546 (100/PK)	801D-0023	WAT094219	60180-710	C4011-5W	11 09 0644		N9303418
	3BF04003	5183-4505 (1000/PK)	801D-0177						
11mm Snap Ring Vials	3BF04005	5182-0545 (100/PK)	801D-0025	WAT094220		C4011-6W	11 09 0645		N9306208
	3BF04005	5183-4504 (1000/PK)	801D-0178						
	3BF04001	5182-0544 (100/PK)	801D-0024			C4011-5	11 09 0627		
	3BF04001	5183-4504 (1000/PK)							
	3BF04004		801D-0026						
	3BF4018	5182-0541 (Blue)	801D-0104	186002649	60180-713	C4011-54	11 15 0637		N9303419
	3BF4018		801D-0103		60180-577				

Series	-	Agilent	Agilent Crosslab	Waters	Thermo	National	Le-phie-pack	Shimadzu	PE
9-425 Septum of 11mm Snap Ring Vials	3BF14018		801D-0189						
	3BF14018		801D-0111						
	3BF14017	5182-0550 (100/PK)			60180-712	C4011-51	11 15 0635		
	3BF14017	5182-0554 (500/PK)			60180-678		11 15 1850		
	3BL00008	5181-3377 (500/PK)	801D-0136			C4011-631	06 09 0866		
	3BL00010	5183-2085	801D-0132			C4011-629L	06 09 0669		
	3BL00001	5181-1270	801D-0131			C4011-630	06 09 0865		
	3BL00011	5182-0549		WAT094170		C4011-630P			
	3BF00001	5183-4428	801D-0011			C4013-1	11090210		
	3BF00001					C4013-1500			
Caps& Septum of 8-425 Screw Neck Screw Neck Vials	3BF00010	5183-4429	801D-0013			C4013-2	11090259		
	3BF00004		801D-0012		60180-508	C4013-1W	11090419	038-00165-06	
	3BF00011		801D-0064		60180-560	C4013-2W	11090382		
	3BF00017		801D-0069		60180-665	C4013-30A	8151965		
	3BF00017		801D-0069						
	3BF00017		801D-0059						
	3BF00019	5183-4442	801D-0081		60180-667	C4013-60A	8150293	221-34271-92	N9306052
	3BF00019		801D-0069						
	3BF00019		801D-0056						
	3BF00019		801D-0054						
Caps& Septum of 8-425 Screw Neck Screw Neck Vials	3BL00003	5183-2090	801D-0126			C4012-46S	5091674		
	3BL00004	5183-2089	801D-0125			C4012-529	5090129		
	3BL00005	5183-2088	801D-0124			C4012-530	5090968		
	3BF02003			WAT025054C		C4015-96	08 14 1168		
	3BF05002	5067-0246	801D-0020	WAT025053C		C4015-99	08 14 1169		
	3BF05006	5067-0247		186000840		C4015-11W	13091335	220-90395-40	N9306247
	3BF05001	5183-4448	801D-0021		186001135		13091336		
	3BF05005	5183-4450				C4015-2W			
	3BF05005	5183-4450				C4015-1	13090222		
	3BF05013	9301-1031 (144)				C4015-30A	13 15 0456		
Caps& Septum of 13-425 Screw Neck Screw Neck Vials	3BF05015	5183-4464	801D-0095			C4015-75A	13150615	220-91521-14	
	3BF05032	5183-4461	801D-0086	WAT072711 (144)		C4015-1A	13080166	220-90394-00	
	3BF05032					C4015-1W			
	3BF05026	5183-4459 (1000)	801D-0099	WAT072714 (144)			12020168		
	3BF05026			WAT073005 (1440)					
	20mm Crimp Top Vials	3BF07005					20090801		
	3BF07013	5182-0838	801D-0029			C4020-10	20090795		
	3BF07013	5190-2285	801D-0079						
	3BF07007	5182-0837	801D-0033			C4020-20	20090796		
	3BF07007	5190-2286	801D-0180						
Caps& Septum of 20mm Crimp Top Vials	3BF07010	5183-4474	801D-0034		60180-506	C4020-2	20090873		N9306079
	3BF07010				60180-741				
	3BF07080	9301-0721	801D-0120			C4020-3A			
	3BF07085	9301-0718			60180-512				
	3BF07027	5183-4476				C4020-6A			
	HM-4483S	5183-4479 (100/PK)	801D-0117			C4020-30	20100290		
	HM-4483S	5190-2258 (1000/PK)			60180-513	C4020-39A	20030059		
	HM-4483B								
	3BF07048	5183-4477 (100/PK)	801D-0116			C4020-32A	20030801		
	3BF07048	5190-2257 (1000/PK)	801D-0191						
18mm Screw Heads- pace Vials	3BF07055		801D-0429				20030142		
	3BF07045		801D-0420		60180-520		20031536		
	3BF07051								
	3BF20002	5185-5392	801D-0038			C4020-42AP	20030163		
	3BF20003	5185-5398	801D-0040			C4020-180	18091306	220-94796-07	N6356479
	3BF20004	5185-2753	801D-0042			C4020-18	18091307		
	HM-275GA	5185-6537	801D-0044			C4020-46	18091311	220-94796-01	N9306075
	3BF20018	5185-2759	801D-0139						
	3BF20018						18031309		
	3BF20018	5190-3986				C4020-48			
Caps& Septum Heads- pace Vials	3BF20031		801D-0418						

8-425 Screw Cap For Shimadzu Autosampler					9-425 Screw Cap For Agilent Autosampler					9-425 Screw Cap For Waters Autosampler					13-425 Screw Cap					24-400 EPA Screw Cap					Wide opening Safe Screw Cap					Insert					Insert Feet				
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8-425 8mm Screw Vial		9-425 9mm Screw vial		13-425 13mm Screw Vial		20mm Crimp Top Headspace Vial		24-400 20mL Screw Vial		24-400 40mL Screw Vial		24-400 60mL Screw Vial		18mm Screw headspace vial	
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