



## Small items can make a big difference in your productivity.

### Prevent unexpected sequence problems with Agilent's certified vials

Don't let the least expensive part of the sequence become the biggest cause of failed analysis. Agilent Technologies' certified vials are manufactured with the same high-quality design, technical expertise, and exacting specifications that go into every Agilent instrument. This means you get the reproducible results you need every time.



### Eliminate the problems typical of uncertified vials

| Common problems with uncertified, non-Agilent vials | Effects  | Benefits of Agilent certified vials and caps                             |
|---|--|--|
| Inconsistency with vial bottom thickness            | <ul style="list-style-type: none"> <li>• Sample draw inconsistency</li> <li>• Damaged needle</li> </ul>              | Consistent and valid relative standard deviation (RSO) values            |
| Autosampler sequence interruption                   | <ul style="list-style-type: none"> <li>• Mishandled or dropped vials</li> <li>• Loss of precious sample</li> </ul>   | Confidence in unattended operation                                       |
| Undetected improper seal                            | <ul style="list-style-type: none"> <li>• Sample loss/evaporation</li> <li>• Possible sample contamination</li> </ul> | Proper sealing for accurate results                                      |
| Dislodged or misaligned septa                       | <ul style="list-style-type: none"> <li>• Sample loss</li> <li>• Sample contamination</li> </ul>                      | Accurate results   |
| Ghost peaks   | <ul style="list-style-type: none"> <li>• Contamination by cap septa</li> </ul>                                       | Chromatographic purity test that eliminates outliers and analysis errors |



Agilent has the broadest range of certified vials and caps, plus the widest range of total certified products.

### Agilent certified vials are manufactured to exacting specifications

Every order of certified vials, caps, and septa comes with a test certificate confirming product specifications.

#### Statements on the Certified Vial Certificate:

- Compatible with Agilent autosamplers.
- Made from first hydrolytical class, borosilicate glass type 1.
- Manufactured in a ISO 9001 certified environment.
- 100% automated computerized video imaging to test critical dimensions, including vial finish, outer diameter, body OD, and length.
- Packed in a clean environment and with packaging especially designed to reduce contamination.
- Compliant with requirements of U.S. and European Pharmacopoeia.

Experience the certified difference.

Order today at

[www.agilent.com/chem/vials](http://www.agilent.com/chem/vials)

or contact your local Agilent representative or Agilent Authorized Distributor.



**Agilent Technologies**



Agilent vials, caps, and septa give you the guarantee of optimum instrument performance.

Other manufacturers offer only a narrow selection of certified vials and caps, packaged only in kits. From Agilent, you can pick whatever certified vials, caps and septa you want.

### Certified caps and septa:

- Designed and fabricated for proper sealing and trouble-free operation with Agilent instruments.
- Manufacturing SOPs monitored stringently for consistent quality and full traceability.
- Chromatographic test on silicone septa for purity to eliminate outliers and sample errors.

## Order from the broadest range of certified vials and caps

### Partial selection

| Part Number | 2 mL Wide Opening Vials and Caps                              | Quantity  |
|-------------|---|-----------|
| 5181-3375   | Clear crimp top vial  | 100/pack  |
| 5181-3376   | Amber crimp top vial, write-on spot                           | 100/pack  |
| 5182-0714   | Clear screw top vial  | 100/pack  |
| 5182-0715   | Clear screw top vial, write-on spot                           | 100/pack  |
| 5182-0716   | Amber screw top vial, write-on spot                           | 100/pack  |
| 5183-2067   | Clear screw top vial  | 1000/pack |
| 5181-1211   | Silver aluminum crimp cap, PTFE/silicone/PTFE septa           | 100/pack  |
| 5183-4500   | Silver aluminum crimp cap, PTFE/silicone, 11 mm               | 1000/pack |
| 5182-0717   | Blue polypropylene screw cap, PTFE/red silicone rubber septa* | 100/pack  |

  

| Part Number | Headspace Vials and Caps  | Quantity |
|-------------|---|----------|
| 5182-0837   | Flat-bottom headspace vials, 20 mL                                | 100/pack |
| 5183-4477   | Silver aluminum, one-piece crimp caps, 20 mm, PTFE/silicone septa | 100/pack |

\*Commonly referred to as red rubber.

For a more detailed list of Agilent certified vials, caps, and septa, go to [www.agilent.com/chem/vials](http://www.agilent.com/chem/vials).

### Every shipment comes with a 90-day guarantee

Agilent is so confident our certified vials, caps, and septa will optimize instrument performance, we provide a 90-day guarantee from the date of shipment. This gives your lab 90 days to put our certified vials to the test. What you'll experience is increased uptime, accuracy, and productivity.

Order today and receive a 90-day guarantee. Go to [www.agilent.com/chem/vials](http://www.agilent.com/chem/vials) or contact your local Agilent representative or Agilent Authorized Distributor.

Watch for more Agilent certified vials—coming soon.

This information is subject to change without notice.  
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