



ECD Leak (Wipe) Test Sampling Instructions

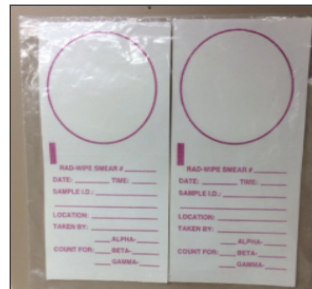


What Is Inside?

- Four wipes
- Four sampling bags
- Leak test certificate
- Chain of Custody

Note: There is one extra bag and wipe included.

Important: Do not peel off circle (sticker). Use card to hold and collect sample. See example to the right.



Sampling Instructions

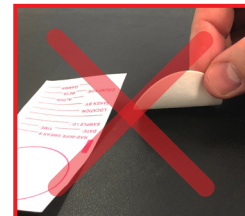
1. Turn off all detector gas flows.
2. Turn off the host Gas Chromatography (GC) and allow the Electron Capture Detector (ECD) to cool to near ambient temperature.
3. Fill out one Leak Detector Certificate per GC-ECD instrument.
4. Lay out three of the four bags and label them as follows:
 - Bag 1: Sample 1- Detector Inlet
 - Bag 2: Sample 2- Detector Housing (both inside entrance and threaded exterior)
 - Bag 3: Sample 3- Detector Exit (column adapter)
5. Start with Sample 1, wipe the corresponding part of the GC-ECD instrument, and then place the sample into Bag 1.
6. Go to Sample 2, wipe the corresponding part of the GC-ECD instrument, and then place the sample into Bag 2.
7. Go to Sample 3, wipe the corresponding part of the GC-ECD instrument, and then place the sample into Bag 3.
8. Complete the Chain of Custody for submittal to the laboratory.
9. Gather all three bags, place them in FedEx® or UPS® envelope or box for shipment back to the laboratory.

For detailed instructions, refer to <http://www.agilent.com/cs/library/usermanuals/Public/5950-3586.pdf>.

Correct way to sample



Incorrect way to sample





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Sample Information

| Customer | Detector |
|---|--|
| <p>Company Name: _____</p> <p>Address: _____ _____</p> <p>Phone: _____</p> <p>Fax: _____</p> <p>Email: _____</p> | <p>Manufacturer: _____</p> <p>Model #: _____</p> <p>Serial #: _____</p> <p>Ni-63 Activity: _____</p> |

Sample Collected By:

Date:

Mailing Address:

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

Phone: 1 (800) 220-3675
Fax: (856) 786-5974