30B Sorbent Traps for "Total" Mercury Testing

Our trap glass is Extra Thick for rigidity in the field. The OD is still 10mm.

Each trap is individually numbered with High Temperature resistant ink. The arrow shows the direction of the flow.

TECHNOLOGY

Method 30B is a procedure for measuring total vapor phase mercury (Hg) emissions from coal-fired combustion sources using sorbent trap sampling and an extractive or thermal analytical technique.

Method 30B Testing Traps and portable Direct Sorbent Trap analyzer available from Ohio Lumex to satisfy strict QA/QC procedures outlined in the method.

TECHNICAL SPECIFICATIONS : SORBENT TRAPS

1. Spiked/ Un-Spiked 2 sections Sorbent Traps available in 10 millimeter OD.
2. Iodinated, acid washed coconut shell charcoal. 300mg on each trap section. Carefully sized to fit the Sorbent Trap Analyzer precisely allowing each bed to be analyzed with its plug cutting analysis time in half.
3. Low mercury background levels-less then 1ng per section.
4. Low Mass Emitter Traps available with less than .2ng per section.
5. Larger internal diameter drops gas velocity inside of the trap causing less pluggage and enables a higher flow rate of up to 2 liters per minute without experiencing pressure drop. Higher flow rate places the operator in control of mercury mass loading.
6. Low Mass Emitter Traps have been specially made to allow up to 4 liters per minute.
7. Easy to remove and easy to set for "leak check" cap plugs, color coded.
8. Unique sample high temperature ID ink with chain of custody sheet in protective pack.
9. Size "Calibrated" extra thick glass for trap rigidity.
10. Customized Spiking level. From 10ng to 200,000ng loading available.
11. 10% of every spiked traps batch analyzed and recorded for QA/QC purpose.
12. Rigorous QA/QC procedures at every manufacturing step.
13. Long term storage stability - one year. No special storage required.
14. Available immediately from stock with or without analysis.
15. Significant discounts on large quantity - contract based orders.
16. Can be used in wet and dry stacks.
17. In house analysis with same day, 24 hour, or short turnaround time.

Same Day – 1 week turnaround testing Service is available. Please contact us at:

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