

DIRECTIONS FOR TEST NO. 14-63-41

SUBJECT: Evaporation Test of Liquid Aroclors

METHOD: 6 Hours Heating at 100°C.

Procedure

Weigh on a rough balance about 25 grams of the well mixed Aroclor into an accurately tared tin box, 55 mm. dia. x 35 mm. deep (3 oz. Gill-style ointment box, deep pattern), Fisher #1-520. Let stand until box and sample are at room temperature, then weigh accurately.

Place the box in a ventilated oven maintained at 100°C. $\pm$ 1° for 6 hours. Remove, cool in desiccator to room temperature and accurately reweigh. From the loss in weight calculate the evaporation in percent. Report to second decimal place only.

Notes

1. Be sure box is at room temperature whenever exact weight is taken.
2. The oven should not contain other samples which might interfere with evaporation.
3. The method differs from G.E. test H-3955622 in that the oven is of the gravity-connection type instead of forced circulation with fan.
4. Because the evaporation loss is sensitive to temperature, the air bath must be closely maintained at 100°C.
5. Evaporation loss of Aroclor 1254 is normally between 0.05 and 0.10%. Results outside of this range should be promptly checked.

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