Specific gravity of Aroclor 1254 12-1-41
Comparison of Methods

Lot #197 – Reference sample – gravity @ 65/15.5

Westphal balance	1.500
	1.501
	1.503
	1.502
Hydrometer	1.5025
14-45-41	1.5025
	1.5025
Pycnometer	1.5027
	1.5029

Evidently the Westphal balance in its present condition cannot be relied upon. It should be reconditioned

With careful temperature control, the gravity by hydrometer can be closely reproduced. It is accurate within .0005, which is ½ the smallest division on the scale

The suggested procedure easily maintains ±0.5°C, a maximum deviation of .00047 in gravity.

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