

TABLE II

COMPARISON OF ASBESTOS SAMPLING METHODS
(OPEN-FACE VERSUS CLOSED-FACE WITH PROBE)

<u>Parameter</u>	<u>Value</u>
Mean	2.2 fibers/mL - open face filter cassette 2.3 fibers/mL - closed face cassette with probe
Standard Deviation	0.264 fibers/mL - open face cassette 0.286 fibers/mL - closed face cassette with probe
T Statistic*	1.28
Variance Ratio**	1.17
Data	
Open-face cassette:	1.9, 1.9, 2.0, 2.1, 2.1, 2.1, 2.2, 2.2, 2.2, 2.2, 2.3, 2.9
Closed-face cassette:	2.0, 2.0, 2.0, 2.2, 2.3, 2.3, 2.3, 2.4, 2.4, 2.4, 2.5, 3.0

* 1.28 is less than a comparison t statistic of 1.78 (p=0.05).
Therefore, the means do not differ significantly.

** 1.17 is less than a comparison F statistic of 2.69 (p=0.05).
Therefore, the variances (precision) of the methods do not differ significantly.