

## **Gross Beta Decay on Air Particulate Filters**

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### **ABSTRACT**

A study was performed to determine the optimum gross beta decay time for environmental air particulate filters. Industry practices vary with some laboratory procedures requiring a minimum decay of 48 hours prior to analysis, while other procedures require a longer decay time. Air particulate filters were counted at decay times ranging from immediately following sample collection to approximately two weeks decay. Data are plotted to examine the difference between results at 48 hours decay and other decay times.