

**THE EVALUATION OF TECHNIQUES AND DEVELOPMENT OF GUIDELINES FOR
CLEANING AMBIENT AIR CANISTERS**

D. Shelow, G. Stidsen

Restek Corporation, Bellefonte, USA

Ambient air sampling canisters, such as SUMMA or SilcoCans (fused silica lined) canisters, must be cleaned and certified prior to use. There are many cleaning techniques analyst can use for air sampling canisters. Most involve pressure and evacuation steps; some include humidified air or nitrogen, others use dry gases; and some incorporate heat. This paper will evaluate the different techniques and develop proper guidelines for cleaning ambient air sampling cansiters.