



McC Campbell Analytical Inc.

When Quality Counts

Certified Chlorinated QA Standards For Halide RG Testing

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Take the uncertainty out of the Halide Flame Test



McC Campbell Analytical offers a set of comparative standards for the halide flame test used for the determination of chlorinated compounds in refrigeration gas. Refrigeration field technicians can now compare field results to a ref-

erence standard. The Halide Flame Test accuracy is limited by the technician's ability to see green color in the blue-yellow flame. Flame test practitioners are well aware of the difficulty in seeing the green color at 300 ppm Cl, the current limit. These reference standards provide greater accuracy & certainty in use of the halide flame test and are a self-training tool for the technician.

MAI standards can be ordered as a set that includes 300, 600, 900, 1200 ppm of Chlo-

rinated compounds or as individual standards. Standards come in 1L or 2L tedlar bags which should provide for many months of use.



MAI Awarded an ASHRAE Research Grant

Our highly skilled research team has started the stability testing of refrigerant systems contaminated with R40. The goal of this research is to investigate the reaction of R40 with typical refrigeration materials to better understand resulting chemical reactions and to develop safe contaminant limits. Additional benefits of this research will be increased safety in all servicing practices and system reliability of HVAC&R equipment. The research is in progress and we anticipate publication in February 2014.



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