



Risk Mitigation Through Use of Acid Cleaned Labware

Traditional sterilization processes **DO NOT** guarantee that materials, particularly labware and sampling vessels, are free from metals and trace element contamination. The term “sterilized”, as it pertains to labware and sample containers, is an adjective representing the process of eliminating biological activity. Considering trace element analytical results play a pivotal role in the determination of growth media and product

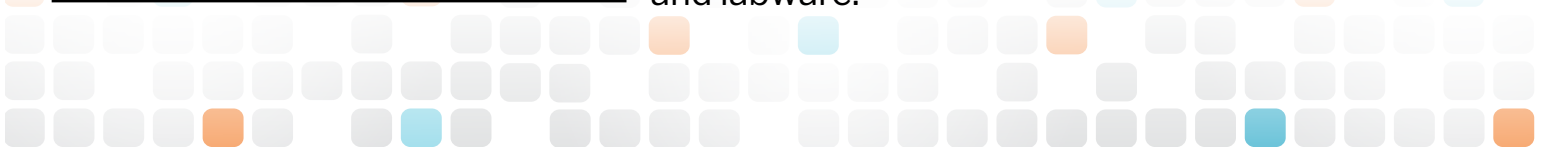


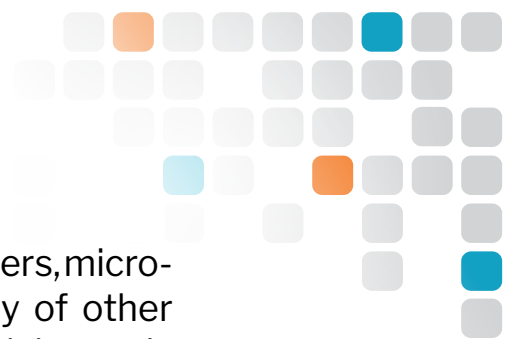
viability, controlling contamination sources, through the use of acid cleaned and tested labware, is a logical decision. Brooks Applied Labs provides trace element clean and tested labware and sample vessels to the pharmaceutical market to mitigate risk as well as to ensure analytical results, especially when generated from our laboratory, are accurate and beyond reproach.

Acid Cleaned Labware, Logical Decision



Biopharmaceutical companies are reaching a new milestone in understanding the implications of low concentrations ($\mu\text{g/L}$) of metals on both production and R&D efforts. Although many elements have contributory effects on cell growth at the micronutrient level, concentrations as low as $5 \mu\text{g/L}$ can impact titer enough to yield an OOS. Implementation of robust quality assurance protocols to monitor metals contamination in growth media prior to use in bioreactors is a tremendous first step in risk mitigation; however, many companies remain uneducated regarding the importance of using acid cleaned sample vessels and labware.





Brooks Applied Labs processes thousands of sample containers, micro-titer plates, snap-top micro-centrifuge tubes, and an array of other labware materials every month. Every batch of acid washed labware is tested and certified to conform to either our quality objectives or our client's prior to release. All cleaned materials are stored and shipped in resealable polyethylene bags, known to be free from contamination, along with the respective Certificate of Analyses.

Our expertise in trace element analyses demands a detailed understanding of contamination sources and how to mitigate them. This translates to not just quality, but trust that our clients have in BAL for supporting all of their sampling and sample archival needs. Whether you are performing clinical trials, R&D for biopharmaceuticals, or supporting quality systems from industrial applications it is within your best interest to contact us today to mitigate risk and maximize your potential for success.



For more information, please visit our website at www.brooksapplied.com or call 206-632-6206.

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