ABSTRACT

Purpose: Determine the suitability of a calibration solution to be used for instrument calibration and detail common sources of contaminants that cause storage and handling problems.

Methods: Samples of calibration solution were prepared in different containers to study the effect of storage and handling.

Results: The suitability of the calibration solution was determined by evaluating different aspects of the calibration process.

CONCLUSIONS

- Stable spray and clean calibration solution is critical to successful optimization of the mass spectrometer's performance.
- Contamination or degradation observed can be mapped to common errors in calibration and handling.
- While stable when stored in the correct container and used with the recommended transfer lines, improper storage and handling can result in contamination or degradation of the calibration mix.

REFERENCES


TRADEMARKS/LICENSING

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