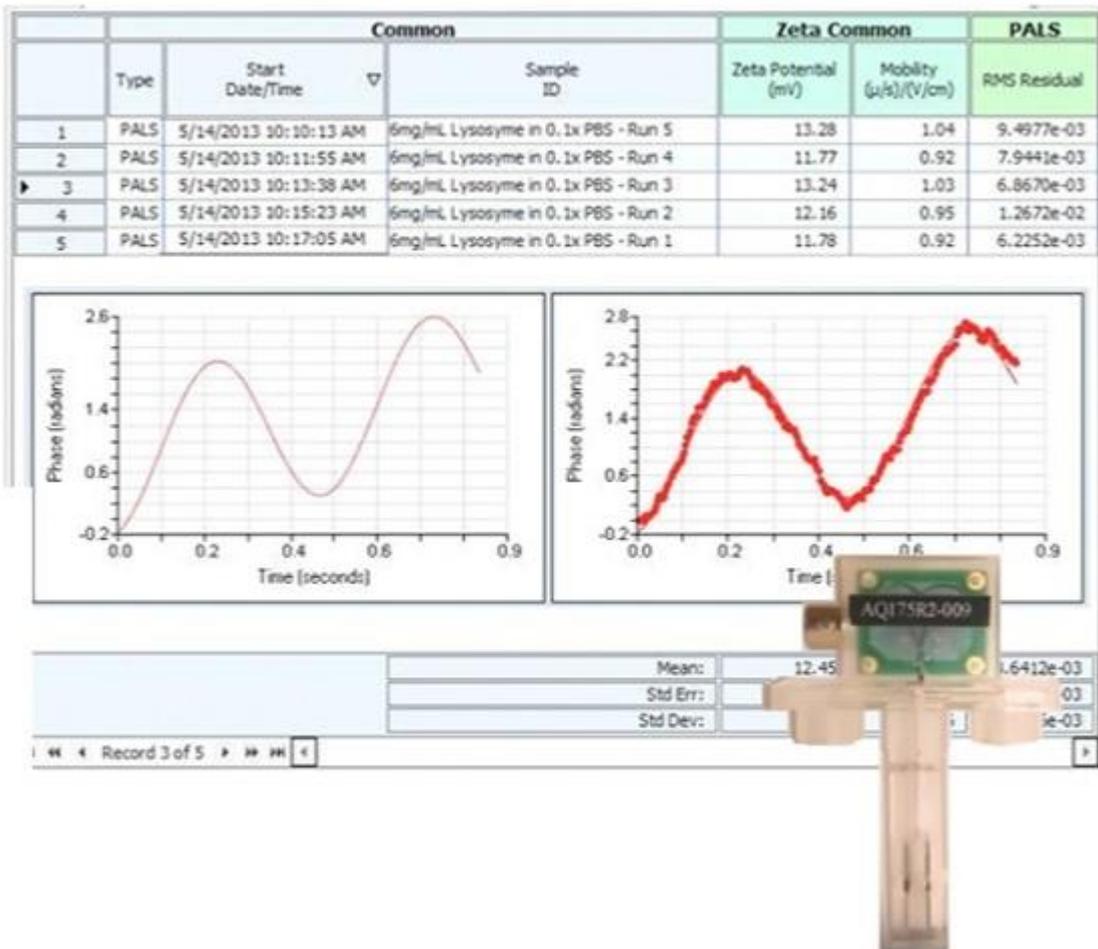


May 2019

Zeta Potential Measurement on Scarce, Concentrated or Sensitive Samples

The new electrode

Testa Analytical Solutions e.K. has introduced a Small Volume Electrode (BI-SVE175) that pushes the boundaries of Zeta Potential measurement. Its novel design minimizes waste and preserves expensive or scarce samples with its ability to measure Zeta Potential from a sample volume of just 175 microliters.



Not only does the BI-SVE175 preserve samples, it can measure sensitive samples such as proteins without denaturing them. In addition, its use of low voltage allows samples with extremely high salt concentration to be measured without difficulty.

The BI-SVE175 small volume electrode has been designed to operate optimally with Testa Analytical's NanoBrook series of Zeta Potential instruments.



The NanoBrook instrument

Although it is used in the same way as a standard electrode cell on NanoBrook series instruments, the BI-SVE175 enables accurate and repeatable Zeta Potential measurements in highly concentrated samples. By requiring less sample dilution, using the BI-SVE175 more closely preserves the pH and chemical structure of your sample, thereby producing more directly representative measurements. This capability is particularly beneficial for many colloidal materials, where measuring the sample in its native state avoids the need for the often complicated centrifugation and dilution procedures needed to maintain sample integrity.

To watch a video

demonstrating how the BI-SVE175 small volume electrode can enhance your zeta potential measurements please visit <https://www.testa-analytical.com/index.html?dc=Zeta&sn=5>. For further information please contact Testa Analytical Solutions on +49-30-864-24076 / info@testa-analytical.com.

Testa Analytical Solutions e.K.

is a company dedicated to supplying the best possible instrumental solutions for characterization of polymers, particles, nanomaterials and proteins. Drawing upon over 30 years' experience of technologies serving these markets, the staff at Testa Analytical are happy to share their knowledge with researchers worldwide to help provide them with a working solution for even the most demanding applications.

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