



BROOKHAVEN · INSTRUMENTS · CORPORATION

Date: 15.05.01

PR#: 005-01

## Press release

**Keywords:** BASF Agro Research, ZetaPALS, ZetaPlus and DLS technologies, Zeta potential measurements, research into formulations

**Word count:** 259

**Photograph:** The ZetaPALS instrument from Brookhaven

- copy starts -

### **BASF chooses Brookhaven again for chemicals research**

BASF Agro Research, which develops chemicals for use in agriculture, has purchased a ZetaPALS from Brookhaven Instruments, based on Phase Analysis Light Scattering (PALS), for the determination of zeta potential of colloidal suspensions. Zeta potential is a useful indicator of a formulation's stability. The new instrument has a particle sizing option based on DLS (dynamic light scattering, also known as QELS, quasi elastic light scattering). BASF Agro Research continues to use successfully Brookhaven's BI-200SM, also based on DLS, for particle sizing.

Dr Patrick Mowery, Associate Research Fellow in the company's analytical research section, explained that his main reason for choosing Brookhaven again was the superior quality of its instruments over competitors. "I have looked at or used most other similar systems available but find them inferior to Brookhaven's instruments for research-grade work," he said.

more.....

750 BLUE POINT ROAD · HOLTSVILLE · NY 11742-1832 · USA

Tel: + 1 631 758 3200

Fax: + 1 631 758 3255

The ZetaPALS is used almost exclusively by Dr Mowery. He explained: "We supply analytical support for agricultural chemicals research and development - for product development and re-registration, formulations development, problem solving and discovery. The instrument has made significant contributions to our understanding of formulation stabilization and, for my research in particular, I have found the DLS and ZetaPlus features to be the most useful."

The ZetaPALS is used in all dilute suspensions including under high salt conditions and in solvents. In addition, every ZetaPALS can operate in the ELS (electrophoretic light scattering) mode, just like Brookhaven's ZetaPlus. The ELS mode is useful in low to moderate salt conditions in aqueous samples, the type used most often, but not exclusively, in Dr. Mowery's research.

For more information about Brookhaven products, please contact:

Dr. Bruce Weiner  
Brookhaven Instruments Corporation, 750 Blue Point Road,  
Holtsville, NY 11742 U.S.A.  
Telephone: +1(631) 758-3200 Fax: +1(631) 758-3255  
e-mail: [info@bic.com](mailto:info@bic.com)  
[www.bic.com](http://www.bic.com)

Dr Peter McFadyen  
Brookhaven Instruments Limited, Chapel House, Stock Wood,  
Redditch, Worcestershire, B96 6ST, UK.  
Telephone: + 44 (0) 1386 792727 Fax: + 44(0) 1386 792720  
e-mail: [info@brookhaven.co.uk](mailto:info@brookhaven.co.uk)  
[www.brookhaven.co.uk](http://www.brookhaven.co.uk)

- copy ends -

© **kdm communications limited 2001**

**Editorial contact for further information or follow-up**

Clare Butterfield at **kdm communications limited**, Milton Keynes, UK  
Telephone +44.1908.371173 Fax +44.1908.371171  
email: [ideas@kdm-communications.com](mailto:ideas@kdm-communications.com)