

Our Bernd Kraft CRM buffer solutions Manufactured in accordance with DIN EN ISO 17034: Certified quality - tangible benefits

► Maximum precision & reproducibility

Coincidence chance has no place in the laboratory! With our CRM buffer solutions you minimize uncertainties and ensure reliable results at all times.

► Excellent traceability

Our CRM buffer solutions enable the traceability of your measured values to SI units from the National Institute of Standards and Technology, USA (NIST) or the Physikalisch-Technische Bundesanstalt in Germany (PTB)

► Detailed documentation

Thanks to comprehensive quality management and detailed certificates of analysis, you are always well prepared for audits.

► Ideal basis for customer trust

With our CRM buffer solutions you can rely on certified excellence - which your customers can also rely on



► Consistently compliant and standard-compliant

Even the strictest regulatory requirements and industry standards can be easily met with our CRM buffer solutions.

► Continuous optimization

As a manufacturer of high-quality reference materials, constant improvement of our processes is not only mandatory for us, but part of our self-image.

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analytichem
your science enabled

-  **Highest Quality standards**
-  **Maximum Work safety**
-  **Legally compliant documentation**
-  **Extensive Product portfolio**
-  **Easy Delivery**
-  **All from a single source**

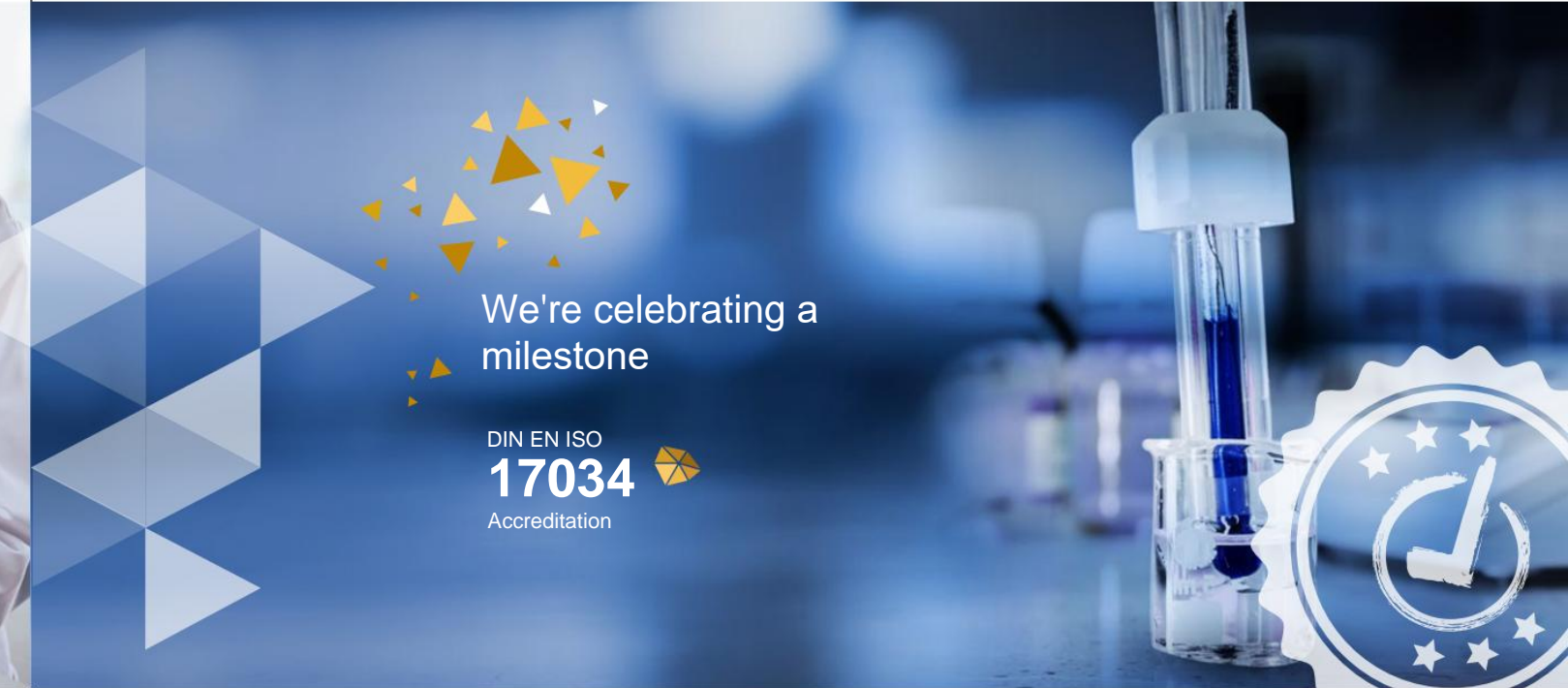
Further information about all brands and companies in the AnalytiChem Group can be found at: analytichem.com



We're celebrating a
milestone

DIN EN ISO
17034
Accreditation

analytichem
your science enabled



Buffer solutions

Highest quality – highly official:
our CRM* buffer solutions,
manufactured in accordance with DIN EN ISO 17034

Your trust drives us to achieve top performance - which now has been confirmed to us with letter and seal by the Deutsche Akkreditierungsstelle (DAkKS)...

As of now, AnalytiChem GmbH is officially accredited to produce certified reference materials according to DIN EN ISO 17034. Among the products with this prestigious seal are three ZRM buffer solutions from the Bernd Kraft brand. We are thus setting another milestone in our 50-year success story.

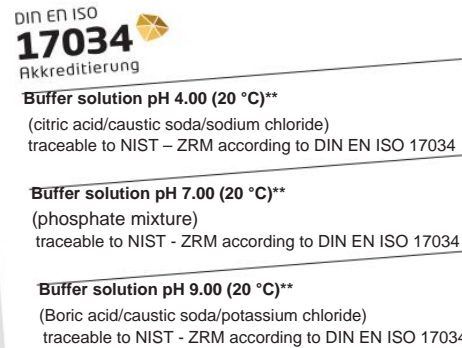
What makes us proud is a clear benefit for you!

Ultimately, this accreditation goes far beyond pure quality assurance. With this we guarantee you precise traceability of our CRM buffer solutions to SI units from the National Institute of Standards and Technology, USA (NIST) or the Physikalisch-Technische Bundesanstalt in Germany (PTB).

Long institute names, short meaning: You can rely on the highest level of security and maximum transparency with every analysis - especially since our production and testing processes are continuously monitored according to the requirements of the accreditations DIN EN ISO/IEC 17025 and DIN EN ISO 17034.

With the DIN EN ISO 17034 accreditation, we are once again underpinning our promise to you, regardless of whether it is about CRM buffer solutions or many other products: As a reliable partner, we stand for quality, precision and innovation today and in the future - or in other words : for excellence that your customers can also rely on.

* Certified reference material according to DIN EN ISO
** 17034 available in 0.5 l bins



Buffer solutions

Over 200 Bernd Kraft branded products, available in different bin sizes, e.g. in the practical TwinNeck Bottles with dosing chamber and in LabCubes (of course traceable to NIST).

Graded buffer solutions, unstained	Article no.
Buffer solution pH 2.00 (20 °C) (citric acid/hydrochloric acid/sodium chloride) traceable to NIST	03081
Buffer solution pH 3.00 (20 °C) (citric acid/caustic soda/sodium chloride) traceable to NIST	03082
Buffer solution pH 4.00 (20 °C)** (citric acid/caustic soda/sodium chloride) traceable to NIST – ZRM according to DIN EN ISO 17034	34056.2000
Buffer solution pH 4.00 (20 °C) (citric acid/caustic soda/sodium chloride) traceable to NIST	03083
Buffer solution pH 5.00 (20 °C) (citric acid/caustic soda) traceable to NIST	03084
Buffer solution pH 6.00 (20 °C) (citric acid/caustic soda) traceable to NIST	03085
Buffer solution pH 7.00 (20 °C)** (phosphate mixture) traceable to NIST - ZRM according to DIN EN ISO 17034	34057.2000
Buffer solution pH 7.00 (20 °C) (phosphate mixture) traceable to NIST	03086



Buffer solution pH 8.00 (20 °C) (phosphate mixture) traceable to NIST	03087
Buffer solution pH 9.00 (20 °C)** (Boric acid/caustic soda/potassium chloride) traceable to NIST - ZRM according to DIN EN ISO 17034	34058.2000
Buffer solution pH 9.00 (20 °C) (Boric acid/caustic soda/potassium chloride) traceable to NIST	03088
Buffer solution pH 10.00 (20 °C) (Boric acid/caustic soda/potassium chloride) traceable to NIST	03089
Buffer solution pH 11.00 (20 °C) (glycine/caustic soda/sodium chloride) traceable to NIST	03090
Graded buffer solutions colored	
Buffer solution pH 4.00 (20 °C) (Citric acid/caustic soda/sodium chloride) colored red traceable to NIST	03283
Buffer solution pH 7.00 (20 °C) (phosphate mixture) colored green traceable to NIST	03786
Buffer solution pH 9.00 (20 °C) (Boric acid/caustic soda/potassium chloride) colored blue traceable to NIST	03286
Buffer solution pH 10.00 (20 °C) (Boric acid/caustic soda/potassium chloride) colored blue traceable to NIST	10581



Many other prefabricated buffer solutions available. Contact us!

XS buffer boxes

Ready-to-use pH buffer solutions in user-friendly portion bins with screw caps (naturally traceable to NIST)

XS buffer boxes undyed	Article no.
XS buffer box pH 4 (20 °C) (citric acid/hydrochloric acid/sodium chloride) Formulation: 30 x 25 ml pH 4.00 (colorless) traceable to NIST	19746.3025
XS buffer box pH 7 (20 °C) (phosphate mixture) Formulation: 30 x 25 ml pH 7.00 (colorless) traceable to NIST	19739.3025
XS buffer box pH 9 (20 °C) (boric acid/caustic soda/potassium chloride) Formulation: 30 x 25 ml pH 9.00 (colorless) traceable to NIST	18808.3025
XS buffer box pH 10 (20 °C) (boric acid/caustic soda/potassium chloride) Formulation: 30 x 25 ml pH 10.00 (colorless) traceable to NIST	18888.3025
XS buffer boxes colored	
XS buffer box pH 4 (20 °C) (citric acid/hydrochloric acid/sodium chloride) Formulation: 30 x 25 ml pH 4.00 (red) traceable to NIST	16804.3025
XS buffer box pH 7 (20 °C) (phosphate mixture) Formulation: 30 x 25 ml pH 7.00 (green) traceable to NIST	16807.3025
XS buffer box pH 9 (20 °C) (boric acid/caustic soda/potassium chloride) Formulation: 30 x 25 ml pH 9.00 (blue) traceable to NIST	16809.3025
XS buffer box pH 10 (20 °C) (boric acid/caustic soda/potassium chloride) Formulation: 30 x 25 ml pH 10.00 (blue) traceable to NIST	16810.3025
XS buffer boxes pH sets	
XS buffer box set I (20 °C) formulation: 10 x 25 ml each pH 4.00 (red) - pH 7.00 (green) - pH 9.00 (blue) traceable to NIST	16819.3025
XS buffer box set II (20 °C) formulation: 10 x 25 ml each pH 4.00 (red) - pH 7.00 (green) - pH 10.00 (blue) traceable to NIST	16820.3025

