

NSF Erdmann Analytics GmbH • Amselweg 5 • 33378 Rheda-Wiedenbrück

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 Claudia Tocila  
 Ion Slatineanu Street, no.20, sector 1

010602 Bucharest  
 ROMANIA



Rheda-Wiedenbrück, 24.11.2017

## Examination Report to order no 17W1668

**Sample item:** core HYDRATION  
**Sampling date (/ time):** Not reported  
**Sampler:** customer  
**Date of receipt:** 12.10.2017  
**Examination period:** 12.10.2017 - 24.11.2017  
**Notice:** Bottle, cap: plastic; 2x500ml; MHD, LOT: PROD 05/09/17 EXP 05/09/19 21:52

### Examined samples:

| Sample ID  | Description    | Examination Type     |
|------------|----------------|----------------------|
| 17W1668.01 | Core HYDRATION | Chemical examination |

### Chemical examination

| Sample no   | 17W1668.01 | Core HYDRATION | Limit | Unit of m. | Result | LOQ  |
|---|------------|----------------|-------|------------|--------|------|
| pH-value (DIN EN ISO 10523)                       |            |                |       |            | 7,7    |      |
| Electrical conductivity at 25°C (DIN EN 27888 C8) |            |                |       | µS/cm      | 174    | 3    |
| Chloride (DIN EN ISO 10304-1)                     |            |                |       | mg/l       | 16,3   | 2,0  |
| Nitrate (DIN EN ISO 10304-1)                      |            |                |       | mg/l       | <0,05  | 0,05 |
| Sulfate (DIN EN ISO 10304-1)                      |            |                |       | mg/l       | <2,0   | 2,0  |
| Bicarbonat (HCO <sub>3</sub> ) (DEV D8)           |            |                |       | mg/l       | 76     | 3    |
| Calcium (DIN EN ISO 17294-2 (E29))                |            |                |       | mg/l       | 1,8    | 0,2  |
| Potassium (DIN EN ISO 17294-2 (E29))              |            |                |       | mg/l       | 41,0   | 0,1  |
| Magnesium (DIN EN ISO 17294-2 (E29))              |            |                |       | mg/l       | 4,3    | 0,1  |
| Sodium (DIN EN ISO 17294-2 (E29))                 |            |                |       | mg/l       | 0,8    | 0,1  |
| TDS (calculated)                                  |            |                |       | mg/l       | 102    |      |

WW=hot water, KW=cold water, WB=washbasin, DK=shower head, HMB=lever mixer tap, TMB=thermostatic mixer tap,  
 WWB=hot water boiler, ZV=extraction valve  
 LOQ = Limit of quantification

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The above examination results do only refer to the examined samples. Publication and copy has to be authorized by the institute.

**General manager:**  
 Dr. Thomas Wilke,  
 Michael P. Walsh, Lesley Chipper

**Amtsgericht Gütersloh**  
 HRB Nr. 67 41  
 Steuer-Nr. 347 / 5842 / 1119

**Kreissparkasse Wiedenbrück**  
 IBAN: DE59 4785 3520 0002 0362 34  
 SWIFT-BIC: WELADED1WDB

**Südwestbank Stuttgart**  
 IBAN: DE61 6009 0700 0514 5800 03  
 SWIFT-BIC: SWBSDESS

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Sabrina Ryll  
Certified biologist  
Head of department water analysis

All examinations performed with this samples are standardized methods  
(DIN, ISO and validated own methods).

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