

„Wasser ist Leben, aber nur wenn es lebt.“  
Dr. Kohfink



**Prüfmethode des natürlichen MUT Kalk-Wandler und optimaler Hauswasserfilter**



**PRÜFMETHODE**

1. GB 11893-89 Spektrophotometrische Ammoniummolybdat-Methode wurde verwendet.
2. GB/T 15452-2009 Der Test von Calcium- und Magnesiumionen von industriellem Kühlkreislaufwasser; verwendet wurde EDTA-Titrimetrie.
3. GBT 16632-2008 Test auf Kesselsteininhibierung des Wasserbehandlungsmittels , Kalziumkarbonat-Fällungsmethode wurde verwendet.

<b>Name des Kunden</b>	██████████	<b>Name des Produkts</b>	██████████
<b>Probenahmestelle</b>	Schweiz	<b>Test-Datum</b>	10.08.2020
<b>Methode und Kriterium für die Beurteilung</b>	1. GB/T 15452-2009 Die Prüfung von Calcium- und Magnesiumionen von industriellem Kühlkreislaufwasser; EDTA-Titrimetrie; 2. GB/T 11007-2008 Experimentelle Methode eines Leitfähigkeitsmessers; 3. GB/T 6920-1986 Die Prüfung des pH-Wertes vom Wasser; 4. GB 6903-86 Die Analyseverfahren von Kesselwasser und Kühlwasser; 5. GB/T 6682 Die Analyse von experimentellen Wasserspezifikationen und -methode; GB/T 6682 Die Analyse von experimentellen Wasserspezifikationen und -methode;		

<b>EINGANGSWASSER</b>						
<b>Name der Wasserprobe</b>	<b>Gesamt-Alkalinität (mmol/L)</b>	<b>Kalzium Ion (mg/L)</b>	<b>Magnesium Ion (mg/L)</b>	<b>pH-Wert pH/°C</b>	<b>Elektrische Leitfähigkeit (mS/cm)</b>	<b>Gesamte ge-löste Feststoffe (mg/L)</b>
<b>Zirkulationswasser</b>	5.8	105.0	14.0	7.63	0.636	294
<b>Test-Ergebnisse</b>	Die Kalziumhärte beträgt 119 (Kalzium + Magnesium), was hochhartes Wasser ist, das eine grosse Anzahl von kesselsteinbildenden Faktoren wie Sulfat-Ionen und Schwermetalle etc. enthält.					



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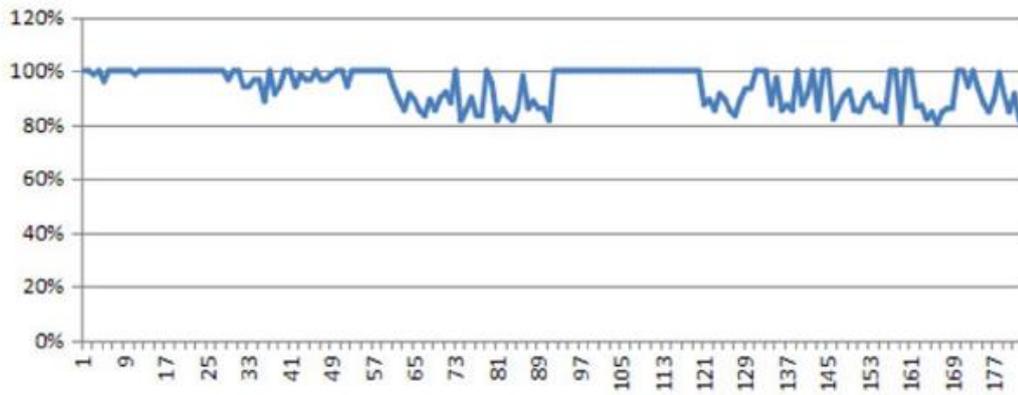
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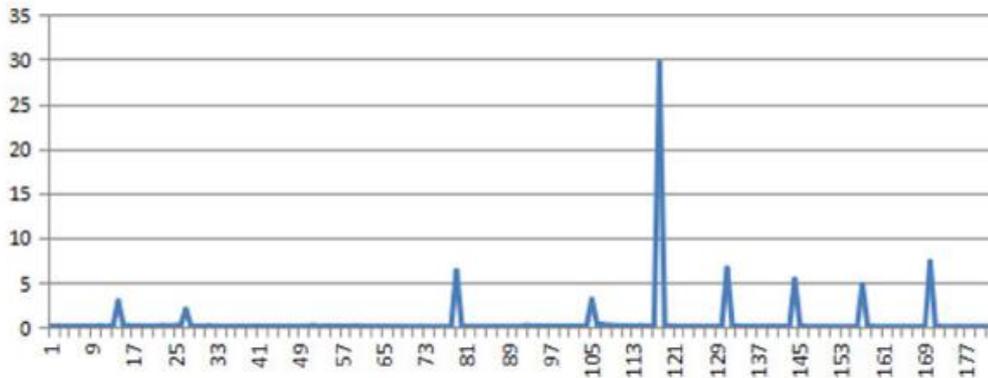
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**TEST RESULTATE**



— Kalk-Resistente Rate in %



— (mg/L)

Den Testdaten zufolge lösen sich die Wirkstoffe im Testprozess stetig heraus, die Anti-Scale-Rate beträgt durchschnittlich mehr als 94% und erfüllt die Anti-Scale-Anforderungen des Bioaktiven-Polymer in komplexen Umgebungen. Nach der Entnahme der Bioaktiv-Polymer-Materialprobe aus dem Wasser für 14 Tage ohne Unterbrechung verliessen ursprünglich 20g Bioaktiv-Polymer. Nach dem Waschen 12,33g und blieben 3 Stunden lang bei 105 Grad Celsius im Vakuumofen.



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Spezialist für Elektrobiologie und natürliche Regeneration

## Prüfmethode des natürlichen MUT Kalk-Wandler und optimaler Hauswasserfilter



### DAS FAZIT

Wie im DVGW Datenblatt W 510 und W 512 definiert; misst diese praktische Prüfung den Kalkausfall in einem Boilersystem bei 80 Grad Celsius im Vergleich zu einem Boilersystem bei 80 Grad Celsius ohne Behandlung. Die Prüfung gilt als erfolgreich, wenn mindestens 80% Kalkausfall verhindert werden können.

**Wir haben eine 94% Kalkausfällung mit dem bioaktiven Polymer erreicht. Dies entspricht einem enorm hohen Resultat und ist demzufolge ideal für die Kalkbehandlung geeignet.**

OHNE



MIT



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