

**Test program Separation degrees EN ISO 11143:2002-12**  
**Dental Equipment-Amalgam Separators**

Test Date: 10. - 14.02.2006

Expert: Hlg

Applicant: Alvaley  
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Test object: Surf  
Classification: Type 4: Filtration and Sedimentation system  
Maximum water flow rate: 0,5 l/min

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Amalgam sample: Becker Meßtechnik GmbH, 71364 Winnenden, Germany  
ISO 11143 Standardprobe Charge : 100416-11/04  
Membrane filters: Schleicher + Schuell AE100 + ME29 + ME28  
Balance: Kern 434 Ser. No.: 118100

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Number of tests performed: 6

Separation degrees of empty amalgam separator with maximum flow rate:

No.		
	1	96,2 %
	2	96,8 %
	3	96,0 %
<b>Average:</b>		<b>96,3 %</b>

Separation degrees of full amalgam separator with maximum flow rate:

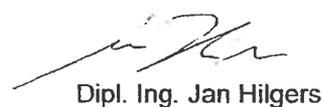
No.		
	1	96,7 %
	2	96,2 %
	3	96,6 %
<b>Average:</b>		<b>96,5 %</b>

**Value of the efficiency with maximum flow rate:** **96,3%**

The R.C.H. Dentserv LTD Amalgam Separator Surf pass the separation degrees test.

Essen, 14.02.2006

For the contents:



Dipl. Ing. Jan Hilgers