

Test program Separation degrees EN ISO 11143:2008-12
Dental Equipment-Amalgam Separators

Test Date: 30.06. - 02.07.2009

Expert: Hlg

Applicant: Alvalay
147 Sherwood Street
WARSOP Nottinghamshire
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Test object: Alvaley W2 Separator
Classification: Type 2 & 4: Filtration and Sedimentation system
Maximum water flow rate: 1,0 l/min

Amalgam sample: Becker Meßtechnik GmbH, 71364 Winnenden, Germany
ISO 11143 Standardprobe Charge : 100416-11/01
Membrane filters: Schleicher + Schuell AE100 + ME29 + ME28
Balance: Kern 434 Ser. No.: 118100

Number of tests performed: 6

Separation degrees of empty amalgam separator with maximum flow rate:

No.		
	1	98,5 %
	2	98,8 %
	3	98,0 %
Average:		98,4 %

Separation degrees of full amalgam separator with maximum flow rate:

No.		
	1	96,3 %
	2	96,9 %
	3	96,7 %
Average:		96,6 %

Value of the efficiency with maximum flow rate: **96,6%**

The Amalgam Collector W2 pass the separation degrees test.

Essen, 08.07.2009

For the contents:



Dipl. Ing. Jan Hilgers