

CALIBRATION CERTIFICATE

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Certificate number: **259005494**
Applicant data:

Applicant : Cleanroom Technology Austria GmbH
 Address : Amberggäbe 1
 Place : Innsbruck

Device under test:

Manufacturer : VWR / PBI
 Type : SAS Super 100
 Sort : Air sampler
 Serial number : 17-04-3817
 Identification number : n.a.
 Barcode : 374857

Used reference standard(s):

Manufacturer	: <u>TSI</u>	<u>RS PRO</u>	<u>Testo</u>
Type	: <u>VelociCalc 9515</u>	<u>235 5059</u>	<u>622 (Pressure)</u>
Expiry date	: <u>13-Feb-2026</u>	<u>20-May-2026</u>	<u>04-Dec-2025</u>
Certificate nr	: <u>2502-02032</u>	<u>259003617</u>	<u>249009510</u>
Identification nr.	: <u>236799</u>	<u>455775</u>	<u>469005</u>
Manufacturer	: <u>n.a.</u>	<u>n.a.</u>	<u>n.a.</u>
Type	: <u>n.a.</u>	<u>n.a.</u>	<u>n.a.</u>
Expiry date	: <u>n.a.</u>	<u>n.a.</u>	<u>n.a.</u>
Certificate nr	: <u>n.a.</u>	<u>n.a.</u>	<u>n.a.</u>
Identification nr.	: <u>n.a.</u>	<u>n.a.</u>	<u>n.a.</u>

Research method : The device under test is calibrated in comparison with a standard anemometer, which is connected to an Air Sampler calibration unit.
 During the calibration the average standard reference flow is determined and converted to a volume through a time measurement.

Environmental conditions : The temperature of the environment is 21 °C ± 3 °C.

Traceability : The measurements are undertaken with calibration equipment for which the company maintains traceability to (inter-) national standards.

Calibration started : 17-Jul-2025 Calibration finished : 17-Jul-2025 Certificate publication date : 17-Jul-2025
 Re-calibration date : 17-Jul-2026

Calibrated by : Martin Kelders
 Technical Engineer

Signature :


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Calibration details :

Perforated head type : Petri dishes head
 Perforation head SN. : 42582
 Contact plate type : 90 mm Petri Dish

 Calibration factor : 190

 Atmospheric pressure [hPa] : 1015,7
 Air flow temperature [°C] : 21,2

Results : As found

Reference [SLPM]	1	DUT [SLPM]	2	Correction [SLPM]	3	Tolerance ± [SLPM]	4
106,7		100		6,7		5,0	
Reference [Liter]	1	DUT [Liter]	2	Correction [Liter]	3	Tolerance ± [Liter]	4
1065,9		1000		65,9		50,0	

Table presentation :
 1. The calculated standard reference flow and volume;
 2. The setting(s) of the device under test (DUT);
 3. The correction is the reference value minus the setting of the DUT;
 4. The permissible deviation (if applicable).

Remark : n.a.

Conclusion : The device under test does NOT comply with the requested specifications

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Calibration details :

Perforated head type : Petri dishes head
 Perforation head SN. : 42582
 Contact plate type : 90 mm Petri Dish

 Calibration factor : 170

 Atmospheric pressure [hPa] : 1015,7
 Air flow temperature [°C] : 21,2

Results : As left

Reference [SLPM]	DUT [SLPM]	Correction [SLPM]	Tolerance ± [SLPM]
102,9	100	2,9	5,0
Reference [Liter]	DUT [Liter]	Correction [Liter]	Tolerance ± [Liter]
1026,9	1000	26,9	50,0

Table presentation :
 1. The calculated standard reference flow and volume;
 2. The setting(s) of the device under test (DUT);
 3. The correction is the reference value minus the setting of the DUT;
 4. The permissible deviation (if applicable).

Remark : n.a.

Conclusion : The device under test complies with the requested specifications after adjustment.