

## Recovery test

PARMESS

MAM Cleanroom Measurement



In the following, all times are shown in local time with the corresponding UTC offset.

Print date: 08 Apr 2025 10:49:18 (Europe/Berlin (UTC +2:00))

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### Protocol sheet

Building: 60  
Room: 02.36  
Equipment No.: n.d.  
Measure. point group: Classification Recovery  
Description:

**Measure. point:** Recovery 1  
Requirements: ISO 7.0  
Action limit: 352,000  
**Set measurement variant:** Minimum raw air concentration determined from master data  
Direct measurement method - 100:1

Set particle size:  $\geq 0.5 \mu\text{m}$   
Measurement cancelation: Manual  
Clean-up ratio: n.d.

**Measuring device used:**  
Particle measuring device: Ext\_007  
Flow: 472.000 [cm<sup>3</sup>/s]  
Next calibration: 16 Dec 2025  
Dilution stage: N/A (Dilution)  
Next calibration: 31 Dec 2099  
Dilution factor: 1.000  
Measuring notebook: VMWIN11MOQLERO

### **Measurement results:**

#### **1) Overview:**

Number of people present: n.d.  
Particle size:  $\geq 0.5 \mu\text{m}$   
Initial concentration: n.d.  
Minimum concentration: 3,520,000 [1/m<sup>3</sup>]  
Recovery threshold: 352,000 [1/m<sup>3</sup>]  
Total measurement duration: 25:55 [min:sec]  
Determined recovery time\*: 17:15 [min:sec]  
Determined recovery time rounded: 018 [min]

\* The Determined recovery time describes the time span between the start of the last measurement with result greater than or equal to the minimum airflow concentration and the end of the first measurement with a result less than or equal to the recovery threshold.

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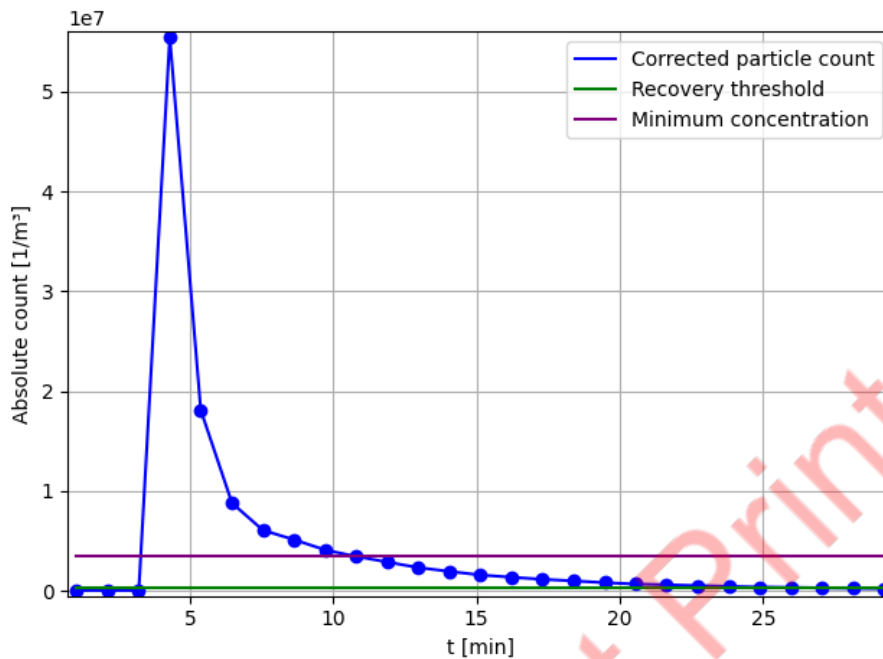
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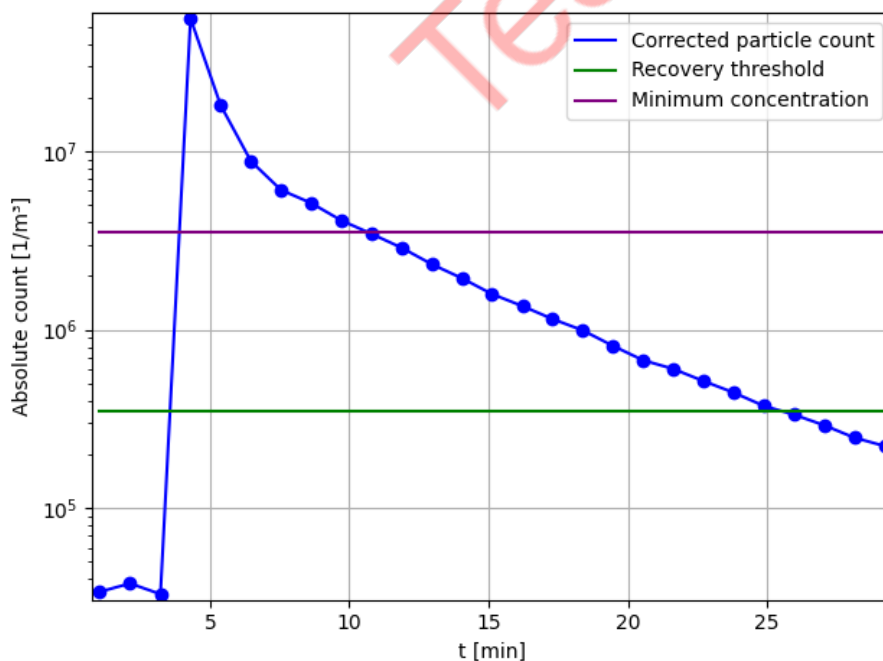
### 2) Linear chart:

Measure. point: Recovery 1



### 3) Logarithmic chart:

Measure. point: Recovery 1



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### 4) Measurement Results Measure. point: Recovery 1

Begin measurement	Particle $\geq 0.5 \mu\text{m}$ [1/m <sup>3</sup> ]	Warning limit	Action limit	Measuring device status	Comment measurer
05 Apr 2025 17:27:25+02	33,934	n.d.	352,000	OK	n.d.
05 Apr 2025 17:28:32+02	37,858	n.d.	352,000	OK	n.d.
05 Apr 2025 17:29:37+02	32,996	n.d.	352,000	OK	n.d.
05 Apr 2025 17:30:42+02	55,455,336	n.d.	352,000	OK	n.d.
05 Apr 2025 17:31:47+02	18,105,829	n.d.	352,000	OK	n.d.
05 Apr 2025 17:32:52+02	8,783,100	n.d.	352,000	OK	n.d.
05 Apr 2025 17:33:57+02	6,061,962	n.d.	352,000	OK	n.d.
05 Apr 2025 17:35:02+02	5,123,264	n.d.	352,000	OK	n.d.
05 Apr 2025 17:36:07+02	4,088,393	n.d.	352,000	OK	n.d.
05 Apr 2025 17:37:12+02	3,441,859	n.d.	352,000	OK	n.d.
05 Apr 2025 17:38:17+02	2,877,640	n.d.	352,000	OK	n.d.
05 Apr 2025 17:39:22+02	2,323,320	n.d.	352,000	OK	n.d.
05 Apr 2025 17:40:27+02	1,940,401	n.d.	352,000	OK	n.d.
05 Apr 2025 17:41:32+02	1,582,454	n.d.	352,000	OK	n.d.
05 Apr 2025 17:42:37+02	1,355,690	n.d.	352,000	OK	n.d.
05 Apr 2025 17:43:42+02	1,147,507	n.d.	352,000	OK	n.d.
05 Apr 2025 17:44:47+02	991,595	n.d.	352,000	OK	n.d.
05 Apr 2025 17:45:52+02	811,580	n.d.	352,000	OK	n.d.
05 Apr 2025 17:46:57+02	674,146	n.d.	352,000	OK	n.d.
05 Apr 2025 17:48:02+02	603,119	n.d.	352,000	OK	n.d.
<b>Legend</b>					
Measured value > Minimum concentration		Measured value > Recovery threshold		Measured value $\leq$ Recovery threshold	

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Begin measurement	Particle $\geq 0.5 \mu\text{m}$ [1/m <sup>3</sup> ]	Warning limit	Action limit	Measuring device status	Comment measurer
05 Apr 2025 17:49:07+02	515,213	n.d.	352,000	OK	n.d.
05 Apr 2025 17:50:12+02	444,464	n.d.	352,000	OK	n.d.
05 Apr 2025 17:51:17+02	374,410	n.d.	352,000	OK	n.d.
05 Apr 2025 17:52:22+02	334,017	n.d.	352,000	OK	n.d.
05 Apr 2025 17:53:27+02	291,575	n.d.	352,000	OK	n.d.
05 Apr 2025 17:54:32+02	248,438	n.d.	352,000	OK	n.d.
05 Apr 2025 17:55:37+02	223,014	n.d.	352,000	OK	n.d.
<b>Legend</b>					
Measured value > Minimum concentration		Measured value > Recovery threshold		Measured value $\leq$ Recovery threshold	

### Measure. point:

Begin measurement:

Result:

Comment:

Measured by:

Participants:

### Recovery 1

03 Mar 2022 17:27:25 UTC

O (Where O=Okay; C=Correction needed; R=Repaired; N=Not Found / Measured)

n.d.

Jane, Public

n.d.

(jpublic)

n.d.