Measurement Report

Mas-Q-Check

Palas GmbH
Partikel- und Lasermesstechnik
Greschbachstraße 3b
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General Manager:
Dr.-Ing. Maximilian Weiß

Commercial Register:
Mannheim HRB 103813
Place of Business: Karlsruhe

Basic Information

Operator:	Start date:	End date:	Order No.:
M. Balogh	**23.09.2022**	**23.09.2022**	**K-16757**

Customer information	
Company	**STARGATE CAPITAL**
Address	**Brienner Str. 10**
	80333 München
	Deutschland
Contact	**Mark Hüsges**
	Mark.huesges@stargate-capital.com

Test conditions	
Humidity:	**<30 %**
Air pressure	**1009 mbar**
Air temperature	**22 °C**

Used measurement devices

Type	Model	Serial number	Additional information
Mask Check System	**Mas-Q-Check**	**12649**	
Norm Head	**European Size M**	**12097**	

Results Mas-Q-Check measurement

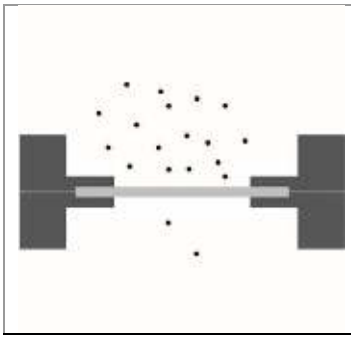
ID number:	20923_151147	Customer designation:	The Proper Mask
Parameter			Notes
Retention	Cn [%]	**91.5**	Normal fit, glued after instructions

ID number:	20923_153533	Customer designation:	Generic FFP2 Mask
Parameter			Notes
Retention	Cn [%]	**11.5**	Normal fit, no additional fitting or pressing on the head

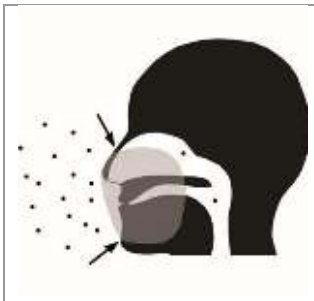
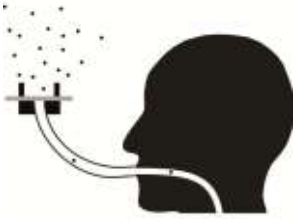
Karlsruhe 23.09.2022,

Additional Information

PMFT Measurement

	Better than GB 2626 EN 143 EN 149 EN 13274-7 With norm aerosol.	

Mas-Q-Check Measurement

	For quality checks Analyzed range: 140- 300 nm Measurement of protection degree including leakage with ambient air	
	Measurement of number efficiency with adapter	

Penetration = 1 – Efficiency

Protection Class	Explanation
FFP 1	- protects against large, solid particles. - Only suitable for protection against irritating, not harmful substances. - Max. overall leakage 25% - Minimum filter efficiency of 80%
FFP 2	- protects against solid and liquid irritating aerosols. - Max. overall leakage 11% - Minimum filter efficiency of 94%
FFP 3	- protects against solid and liquid toxic aerosols. - Max. overall leakage 5% - Minimum filter efficiency of 99%