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Test Report

GUANGZHOU RENAULT BIOTECHNOLOGY Co.Ltd LN-M01

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Test report

Object: Test of mask LN-M01
Samples received: 28.06.2020
Sampling by: GUANGZHOU RENAULT BIOTECHNOLOGY Co.Ltd
Method: RFU 02.075 version 2
Test date: 03.07.2020-20.07.2020

Results:

All results must meet the requirements stated in EN 149:2001 + A1:2009.

§ 8.2 Visual inspection

The mask was of uniform white material and without valve. The mask had white straps that fit around the ears. The mask is marked with "KN95 GB2626:2006".

§ 8.4 Practical performance

Practical performance was performed by one test subject in accordance with the specifications in RFU 02.075 version 2.

	Comments
a) Head harness comfort	Comfortable
b) Security of fastenings	Easy to use but not adjustable
c) Field of vision	Ok
d) Maintenance of face seal	Comfortable and soft but hot
e) Other comments	

Table 1: Practical performance.

§ 8.7 Carbon dioxide content of the inhalation air

The requirements of EN 149:2001 + A1:2009 is listed in the table below.

Carbon dioxide content of the inhalation air	Measurement (%)
Requirements (mbar)	<1
LN-M01 mask	0,35
	0,37
	0,33

Table 2: Carbon dioxide content of the inhalation air

§ 8.9 Breathing Resistance

The requirements of EN 149:2001 + A1:2009 is listed in the table below.

Breathing Resistance	(Inhalation, 30 l/min) (mbar)	(Inhalation, 95 l/min) (mbar)	(Exhalation, 160 l/min) (mbar)
Requirements (mbar)	≤0,7	≤2,4	≤3,0
LN-M01 mask	0,30 0,30 0,30	1,10 1,00 1,00	1,90 1,60 1,60

Table 2: Breathing resistance

§ 8.11 Penetration of filter material

The requirements of EN 149:2001 + A1:2009 is listed in the table below.

Sample	Result (%)	Requirements (%)	Aerosol
LN-M01 mask	1,89 2,17 2,08	<6	Sodium chloride, 95 l/min

Table 3.1: Penetration of filter material: Initial penetration

Sample	Result (%)	Requirements (%)	Aerosol
LN-M01 mask	1,98 1,63 1,76	<6	Sodium chloride, 95 l/min

Table 3.2: Penetration of filter material: Maximum penetration during exposure

Conclusion:

The mask complies with the requirements of RFU 02.075 version 2 for the tests performed in this report.

Image 1:



Image 2:

