

# TEST REPORT

(Electronic version)



No: 200297267

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ISSUE DATE: 2020-09-28

APPLICANT: SIAM GLOBAL GROUP CO., LTD  
ADDRESS: 253/1038 SOI KHEHAROMKLAO 64, KWANG KLONGSONGTONNUN, KHET LATKRABANG, BANGKOK  
10520 THAILAND

INFORMATION CONFIRMED BY APPLICANT:

YAMADA CARBON MASK

QUANTITY: 45 PIECES

BRAND: YAMADA

LOT NO. : 3040

DATE RECEIVED/DATE TEST STARTED: 2020-09-23

CONCLUSION:

BACTERIAL FILTRATION EFFICIENCY	M
PARTICLE FILTRATION EFFICIENCY	M
AIRFLOW RESISTANCE	M

NOTE: "M" -MEET THE STANDARD'S REQUIREMENT "F" -FAIL TO MEET THE STANDARD'S REQUIREMENT  
"---" -NO COMMENT

REMARK:

THE DECISION INDICATORS ARE DERIVED FROM THE GROUP STANDARD REQUIRED BY CLIENT (T/GDBX 025-2020). OUR INSPECTION CAPACITY AUTHORIZED BY CMA COVERS THE INSPECTION ITEMS T/GDBX 025-2020.

ALL THE TESTED ITEMS ARE TESTED UNDER THE STANDARD CONDITION (EXCEPT FOR INDICATION).

COPIES OF THE REPORT ARE VALID ONLY RE-STAMPED.

THE EXPERIMENT WAS CARRIED OUT AT No. 1, ZHUJIANG ROAD, PANYU DISTRICT, GUANGZHOU, GUANGDONG, P. R. CHINA.

APPROVED BY:

ZiShan Guo SENIOR ENGINEER

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## BACTERIAL FILTRATION EFFICIENCY (%)

(YY 0469-2011 ANNEX B, TEST BACTERIA: STAPHYLOCOCCUS AUREUS ATCC 6538, TEST AREA: 49cm<sup>2</sup>, FLOW RATE: 28.3L/min, MEAN PARTICLE SIZE: 3.0 μm, RESULT OF THE POSITIVE CONTROL: 1.9×10<sup>3</sup> CFU, RESULT OF THE NEGATIVE CONTROL: <1CFU)

		REQUIREMENT
BFE <sub>1</sub>	99.0	≥95
BFE <sub>2</sub>	99.3	(LEVEL AA)
BFE <sub>3</sub>	98.5	(T/GDBX 025-2020)

## PARTICLE FILTRATION EFFICIENCY (%)

(YY 0469-2011 5.6.2, AIR FLOW: 30L/min, AEROSOL: NaCl, AEROSOL CONCENTRATION: 15mg/m<sup>3</sup>, TEMP: 21.9°C, RH: 39.5%)

		REQUIREMENT
MINIMUM	98.75	≥85
		(LEVEL AA)
		(T/GDBX 025-2020)

## AIRFLOW RESISTANCE (Pa)

(YY 0469-2011 5.6.2, AIR FLOW: 30L/min, AEROSOL: NaCl, AEROSOL CONCENTRATION: 15mg/m<sup>3</sup>, TEMP: 21.9°C, RH: 39.5%)

		REQUIREMENT
MAXIMUM	54.9	≤70
		(T/GDBX 025-2020)



—End of Report—

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