

SUBJECT Microbiological Test

TEST LOCATION TÜV SÜD China
TÜV SÜD 中国

TÜV SÜD Products Testing (Shanghai) Co., Ltd.
南德商品检测（上海）有限公司
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CLIENT NAME ASUSTeK Computer Inc.

CLIENT ADDRESS No.15, Lide Rd., Beitou Dist.,Taipei City 112,Taiwan

**IDENTIFICATION/
MODEL NO(s)** LCD monitor Item No.: VY249 Series

TEST PERIOD 03-Aug-2023~15-Aug-2023

TEST REQUEST Antibacterial Test- according to ISO 22196:2011



Prepared By

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Report Drafter

Authorized By

张创

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Authorized Signatory

Note: (1) General Terms & Conditions as mentioned overleaf. (2) The results relate only to the items tested.(3) The test report shall not be reproduced except in full without the written approval of the laboratory.(4) Without the agreement of the laboratory , the client is not authorized to use the test results for unapproved propaganda.


SAMPLE SOURCE /RECEIPT DATE/ TEST DATE

Logistics Express / 03-Aug-2023/03-Aug-2023

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED

BY/ ON BEHALF OF THE CLIENTS AS:

Sample Name: LCD Monitor
Identification/ Model NO(s): LCD monitor Item No.: VY249 Series
Sample Specification: /
Batch No./Date: 2023.7.10
Manufacturer: /

SAMPLE NO.	DESCRIPTION	PHOTOGRAPH
721683086	Black sheet	

TEST METHOD(S)

Antibacterial Test
- according to ISO 22196:2011 Measurement of antibacterial activity on plastics and other non-porous surfaces

TEST ORGANISM(S)

Escherichia coli ATCC 8739
Staphylococcus aureus ATCC 6538P

TEST RESULT(S)

Name of test bacteria	Concentration of bacteria (CFU/mL)	The average(cells/cm ²) of the common Logarithm of the number of viable bacteria recovered			Log value of antimicrobial activity
		/	at "0h" contact time	at "24h" contact time	
<i>Escherichia coli</i> ATCC 8739	7.3 × 10 ⁵	Sample	/	-0.2	6.6
		Control Sample	3.9	6.4	
<i>Staphylococcus aureus</i> ATCC 6538P	6.5 × 10 ⁵	Sample	/	-0.2	5.8
		Control Sample	3.8	5.6	

Note:

- The control sample is provided by TÜV SÜD laboratory.
- Preparation of test specimens by wiping with 70% ethanol in water.
- The volume of the test inoculum used is 0.2 mL. The surface area of the cover film is 1600 mm².
- 0.05% Polysorbate80 was added to the test inoculum.
- Comment: PASS. Limit is provided by client, with reference to JIS Z 2801: If the value of antibacterial activity more than 2.0 indicates the tested product with antibacterial effectiveness.

-END OF THE TEST REPORT-