



中国认可
国际互认
检测
TESTING
CNAS L7673

TEST REPORT

正本

Applicant : PHOMI MCM CO., LTD
Address : Room 202, Block A, No. 62, Nan Yun Er Road, Science City, Huangpu District, Guangzhou

The following merchandise was (were) submitted and identified by the client as:

Name of Sample : Long-term antiepidemic covering
Test Type : Commission
Sample Quantity : 25 PCS
Model : /
Batch No. : /
Brand : /
Manufacturer: /
Sample Received : 2022/05/24
Test Period : 2022/05/24 – 2022/06/21
Test Items : Please refer to next page(s).
Test Method : Please refer to next page(s).
Test Result : Please refer to next page(s).
Sample Description : Solid
Note: /

Edited by: 黄婉盈

Approved by: [Signature]

Checked by: 叶智坚

Official Seal: [Red circular seal of CAS Testing Technical Services (Guangzhou) Co., Ltd.]

TEST RESULTS:

Table 1 Test data of antiviral activity

Virus strain	Test time	Average logarithm of virus titer on control group at 0 h U_0 lg(TCID ₅₀ /cm ²)	Average logarithm of virus titer on control group after acting U_t lg(TCID ₅₀ /cm ²)	Average logarithm of virus titer on test group after acting A_t lg(TCID ₅₀ /cm ²)	Antiviral activity R	Antiviral rate (%)
HCoV-229E	1 h	5.69	5.68	5.60	0.08	17.16
	12 h	5.69	5.66	3.50	2.16	99.31

Inspection instructions

1. Test method

ISO 21702:2019 Measurement of antiviral activity on plastics and other non-porous surfaces

2. Test item

Virus strain: HCoV-229E(VR-740)

Cell: Huh-7 cell

3. Test equipment

Instruments: Biological safety cabinet(class II); CO₂ incubator; Inverted microscope; Constant temperature and humidity incubator; Cryogenic refrigerated centrifuge; High pressure steam sterilizer; Water bath etc.

4. Test condition

1) Environment temperature: (20~24) °C

2) Environment humidity: (60~64) %RH

3) Sample size: (50±2)mm×(50±2)mm

5. Computational formula

The antiviral activity:

$$R = (U_r - U_0) - (A_r - U_0) = U_r - A_r$$

R is the antiviral activity;

U_0 is the average of the common logarithm of the number of plaques recovered from the three untreated test specimens immediately after inoculation;

U_t is the average of the common logarithm of the number of plaques recovered from the three untreated test specimens after acting;

A_t is the average of the common logarithm of the number of plaques recovered from the three treated test specimens after acting.

***** END OF REPORT *****

Statement

1. This report is issued by The CAS Testing Technical Services (GuangZhou) Co.,Ltd. (hereinafter referred to as "Our Company").
2. This report is invalid if not affixed with authorized stamp of test and paging seal.
3. This report is invalid without signature of verifier and approver.
4. This report is invalid if being supplemented, deleted or altered.
5. Without written permission of our Company, this report can not be reproduced in part (except in whole).
6. The result(s) shown in this report refer only to the sample(s) tested.
7. Objections to this report must be submitted to our Company within 15 days. Otherwise, it will automatically deem to have accepted this report.
8. The Client shall be responsible for the accuracy, authenticity and completeness of the samples and information submitted for inspection, and the disputes arising therefrom shall be borne by the Client.
9. As any reports is issued as a result of this application for testing services, our Company will strictly keep confidentiality to the Clients. Except where disclosure is required on the basis of laws, regulations, judgments, and rulings (including in accordance with summons, court, or government proceedings).
10. The result(s) or conclusion(s) shown in this report about the description of the characteristics, composition, properties or quality are based on the specific time, methods and applicable criteria. Using different methods and criteria or under different environmental conditions for testing may come to different conclusions.
11. The data result(s) just for scientific research,teaching,internal quality control etc.
12. Since our Company's causes lead to modify the contents of this report, our Company shall reissue this report and bear the modification cost. The Client shall return the original report. Since the Client's causes lead to modify the contents of this report, the Client need to submit an application form for the change of report to our Company. The Client shall bear the modification cost and return the original report if our Company approves to reissue this report.
13. The English version of this statement is translated from the Chinese one. If there is any disagreement between them, the Chinese version will be the final explanation.

