



中国认可
国际互认
检测
TESTING
CNAS L7673

TEST REPORT

Applicant : DRAGONCHEM LIMITED
Address : ROOM 03, 9/F, TRUST CENTRE, 912-914 CHEUNG SHA WAN ROAD, KOWLOON,
HONG KONG

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

Name of Sample : BACTOSTAT PP
Test Type : Commission
Sample Quantity : 10 PCS
Model : /
Batch No. : /
Brand : /
Manufacturer: /
Sample Received : 2022/06/15
Test Period : 2022/06/15 – 2022/07/13
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: Grade No. RP1034
Lot No.CX0203102

Edited by: 黄婉盈

Approved by: [Signature]

Checked by: 智望

Official Seal: [Red Seal: 中科检测技术服务(广州)股份有限公司 检验检测专用章]

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 24 h U_t lg(TCID ₅₀ /cm ²)	Average logarithm of virus titer on test group after 24 h A_t lg(TCID ₅₀ /cm ²)	Antiviral activity R	Antiviral rate (%)
HCoV-229E	24 h	5.75	4.41	3.13	1.28	95.14

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:(24~27) °C

2) Environment humidity: (89~92) %RH

3) Sample size: (50±2)mm×(50±2)mm

5. Computational formula

The antiviral activity:

$$R = (U_t - U_0) - (A_t - U_0) = U_t - A_t$$

 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 24 h;

 A_t is the average of the common logarithm of the number of plaques recovered from the three treated test specimens after 24 h.

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

 实验检测专
 务(广)

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.

