中国认可
国际互认
检测
TESTING
CNAS L0823

202019001121

广州市微生物研究所有限公司

GUANG ZHOU INSTITUTE OF MICROBIOLOGY CO., LTD.

检 测 报 告

TEST REPORT

Report Number	KJ20203580
Name of Sample	Bio Based Industrial Coatings
Applicant	Allcera B.V

GUANG ZHOU INSTITUTE OF MICROBIOLOGY CO., LTD.

TEST REPORT

Date Received: Sep. 24, 2020
Date Analyzed: Sep. 28, 2020

Name of Sample	Bio Based Industrial Coatings	Source of Sample	Delivery
Applicant	Allcera B.V	Client	Lin Wenliang
Manufacturer	Allcera B.V	Brand	——
Type and Specification	750 mL	Quantity of Sample	1 PC
Date of Production	——	State of Sample	Liquid
Batch Number	——	Packing of Sample	——
Standard and Methods	1. JC/T 1074-2008 Purificatory performance of coatings with air purification 2. GB/T 16129-1995 Standard method for hygienic examination of formaldehyde in air of residential areas-Spectrophotometric method		
Items of Analysis	Purificatory efficiency (Formaldehyde)		
Remarks	——		

To be continued

GUANG ZHOU INSTITUTE OF MICROBIOLOGY CO., LTD.

TEST REPORT

Date Received: Sep. 24, 2020
Date Analyzed: Sep. 28, 2020

Method for Testing Gaseous Purificatory Efficiency:

1. Test Equipment
   Test chamber (1 m^3), constant current atmospheric sampler, UV-VIS spectrophotometer.
2. Test Conditions
   1) Environment temperature: (20±2) ℃
   2) Environment humidity: (50±10) %RH
3. Test Procedure
   1) Sample preparation: niformly sparying 100 mL sample into 4 pieces glass plate sized 500 mm×500 mm, test after natural dying.
   2) Put the sample glass plate into sample cabin and put the blank glass plate in blank cabin, the surfaces with sample toward the cabin core, the angle of plate between bulkhead is 30°, the plate distance cabin bottom 300 mm.
   3) Place one glass dish on the bottom of the cabin, turn off the cabin door, add 3 μL formaldehyde (AR) to the glass dish through the injection hole by the microinjector.
   4) Turn on the light, test the concentration of the sample n_0^1 after 1h airtight. Turn on the fan after 48 h and last 30 min, test the concentration of the sample n_1 and n_1^1 as the final concentration.
4. Computational Formula
   Purificatory efficiency:
   $r = \frac{n_1 - n_1^1}{n_1} \times 100\%$ (n_1 blank cabin concentration, n_1^1 sample cabin concentration)

Test Results

Number of Sample	Pollutant	Test Time (h)	Blank Cabin Concentration n_1 (mg/m³)	Sample Cabin Concentration n_1^1 (mg/m³)	Purificatory Efficiency r (%)
KJ20203580-1	Formaldehyde	48	0.97	0.17	82.5

End of report

Editor 陆惠玩 Checker 黄永良 Issuer 杨[illegible] Date Reported 2020.10.30

广州市微生物研究所有限公司 检验检测专用章

Statements

1. The report would be invalid under the following conditions: altered, added, deleted, copied, without the special seal for inspection or signatures by approver.
2. For the received sample, the sample information in the report is claimed by the applicant, the inspection unit is not responsible for its authenticity. The report is responsibility for the received sample only.
3. If there is any objection to the inspection report, it should be presented to the inspection unit within 15 working days from the issuance date, otherwise the report shall be deemed as having been accepted. Microbiological item is not subjected to retest.
4. The report and the name of the inspection unit shall not be used for product labels, advertisements, awards and merchandise publicity.。
5. The items marked with "*" in the report are not accredited by CNAS or CMA, The items marked with "#" are accredited by CNAS, The items marked with "+" are accredited by CMA.
6. The test data and results of items which are not accredited by CMA, only used as scientific research, teaching or internal quality control.
7. Any ambiguity by the language which used in the report, the Chinese shall prevail.

Contact Address, NO.1Jiantashan Road，Huangpu District，Guangzhou City，Guangdong Province

Test Address, (only fill in when it's different from the contact address)

Postal Code, 510663

Tel., (8620)61302671

URL, http://www.ggtest.com.cn