



**广 微 测**  
Gmicro Testing



201819000883



中国认可  
国际互认  
检测  
TESTING  
CNAS L1747

# GUANGDONG DETECTION CENTER OF MICROBIOLOGY

## REPORT FOR ANALYSIS

**Report №.**

2021SP07026R01E

**Name of Sample**

activated carbon block

**Applicant**

BRFER Technology Development (Guangzhou)Co., Ltd.

**Test Type**

Entrustment Test



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**REPORT FOR ANALYSIS**



Report №.: 2021SP07026R01E Verification Code: 94716023

Name of Sample	activated carbon block	Test Type	Entrustment Test
Applicant	BRFER Technology Development (Guangzhou)Co., Ltd.	Address	No. 5 Zhan Qian Road, Guandao village, Xintangzhen, Zengcheng district, Guangzhou City
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	2 sticks
Spec and Lot № of Sample	φ 16-φ105	State and Characteristic	Black rod Shaped
Sample Received Date	2021-07-02	Test Completion Date	2021-07-13
Item Tested	Sanitary Standards for Drinking Water, issued by Hygienic Department of China in 2001, Attachment2: Standard for Hygienic Safety Evaluation of Equipment and Protective Materials in Drinking Water, Standard examination methods for drinking water GB/T 5750-2006		
Test Standard and Method	Security immersion test		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report.		
Remarks	<p>Issue Date: 2022-06-15 (Official Seal)</p> 		

生物  
检验

Editor: Chen Jingxun

Verifier: chenwei

Approver: Guo Weipeng



## GUANGDONG DETECTION CENTER OF MICROBIOLOGY

### ANALYSIS AND TEST RESULT

Report No.: 2021SP07026R01E

**1) Pre-test processing:** According to issued by Hygienic Department of China in 2001, Attachment 2 appendix A: Standard for Hygienic Safety Evaluation of Equipment and Protective Materials in Drinking Water, Prepare soaking solution (pH 8, Calcium and magnesium 100mg/L, Available chlorine 2mg/L), soak for 24±1h with soaking solution at 25±5 °C, and do blank test at the same time.

**2) Test Result:**

Test Item	Unit	Test Result			Standard Request	Individual judgment	Test Method
		Control	Sample	Increase/change			
Oxygen consumption	mg/L	0.25	0.41	0.16	Increase ≤ 1	Qualified	Sanitary Standards for Drinking Water, issued by Hygienic Department of China in 2001, Attachment2: Standard for Hygienic Safety Evaluation of Equipment and Protective Materials in Drinking Water, Standard examination methods for drinking water GB/T 5750-2006
Volatile Phenol	mg/L	<0.002	<0.002	<0.002	Increase ≤ 0.002	Qualified	
Cr (6+)	mg/L	<0.005	<0.005	<0.005	Increase ≤ 0.005	Qualified	
Aluminum	mg/L	0.004	0.007	<0.005	Increase ≤ 0.02	Qualified	
Manganese	mg/L	<0.001	0.004	0.004	Increase ≤ 0.02	Qualified	
Iron	mg/L	<0.010	0.054	0.054	Increase ≤ 0.06	Qualified	
Copper	mg/L	<0.005	<0.005	<0.005	Increase ≤ 0.2	Qualified	
Zinc	mg/L	<0.005	<0.005	<0.005	Increase ≤ 0.2	Qualified	
As	mg/L	<0.001	<0.001	<0.001	Increase ≤ 0.005	Qualified	
Cd	mg/L	<0.0005	<0.0005	<0.0005	Increase ≤ 0.0005	Qualified	
Hg	mg/L	<0.0002	<0.0002	<0.0002	Increase ≤ 0.0002	Qualified	
Pb	mg/L	<0.001	<0.001	<0.001	Increase ≤ 0.001	Qualified	
Ag	mg/L	<0.001	<0.001	<0.001	Increase ≤ 0.005	Qualified	
Fluoride	mg/L	<0.05	<0.05	<0.05	Increase ≤ 0.1	Qualified	
Nitrate (calculated by N)	mg/L	<0.05	<0.05	<0.05	Increase ≤ 1	Qualified	
Chloroform	mg/L	0.0009	0.0004	<0.006	Increase ≤ 0.006	Qualified	
Carbon tetrachloride	mg/L	<0.0001	<0.0001	<0.0002	Increase ≤ 0.0002	Qualified	

(Blank below)

分析  
专用



Report №.: 2021SP07026R01E

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