



**GUANGDONG DETECTION CENTER OF MICROBIOLOGY**

**REPORT FOR ANALYSIS**

**Report №.**

2021FM02647R01E

**Name of Sample**

Plasma Mini

**Applicant**

FOSHAN CITY SHUNDE POLY-PRODUCTS ELECTRICAL  
LIMITED

**Test Type**

Entrustment Test



**Address: Building 66, No.100 Central Xian Lie Road, Guangzhou, China**

**Postcode: 510070**

**Tel: +86 20 87137666**

**Fax : +86 20 87137668**

**Website : www.gddcm.com**



GUANGDONG DETECTION CENTER OF MICROBIOLOGY



REPORT FOR ANALYSIS

Report No.: 2021FM02647R01E Verification Code: 40398165

Name of Sample	Plasma Mini	Test Type	Entrustment Test
Applicant	FOSHAN CITY SHUNDE POLY-PRODUCTS ELECTRICAL LIMITED	Address	No.1 ShiLong Road,Xintang Village,Shilong Industrial Park,Xintang Village Committee, Lun Jiao Street office,Shunde District,Foshan City,Guangdong Province,P.R China
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	1pcs
Spec and Lot No of Sample	QUAIR PM-0820	State and Characteristic	machine
Sample Received Date	2021-02-04	Test Completion Date	2021-02-19
Test Standard and Method	Refer to APIAC/LM 01-2015		
Item Tested	Purifying efficiency of PM2.5 particulate		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report.		
Remarks	Manufacturer: FOSHAN CITY SHUNDE POLY-PRODUCTS ELECTRICAL LIMITED (provided by the applicant) <div style="text-align: right;">             Issue Date: 2021-03-04              (Official Seal)           </div>		

生物  
检测



Editor: *Qiuwanchun*

Verifier: *Sun Jias*

Approver: *Xie Xiaobao*



GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2021FM02647R01E

Test Item	Action time	CK		Natural attenuation Reduction rate (%)	Test group		Effective removal rate (%)
		The initial PM2.5 particulate concentration (mg/m <sup>3</sup> )	PM2.5 particulate concentrations after treatment (mg/m <sup>3</sup> )		The initial PM2.5 particulate concentration (mg/m <sup>3</sup> )	PM2.5 particulate concentrations after treatment (mg/m <sup>3</sup> )	
Purifying efficiency of PM2.5 particulate	2h	5.36	5.18	3.36	5.12	0.535	89.19
	8h	5.36	4.72	11.94	5.12	0.080	98.23

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Remarks

Method description: The prototype was connected to a 4V power supply in a 1m<sup>3</sup> chamber, determined PM2.5 particulate concentration after 2h and 8h respectively.



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