



广微测
Gmicro Testing

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report No. 2020FM34534R01E

Name of Sample WOODTONIC®Photocatalyst Liquid

Applicant Syn-Tech Fuel Management & Technology Co. Ltd.

Test Type



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GUANGDONG DETECTION CENTER OF MICROBIOLOGY



REPORT FOR ANALYSIS

Report No.:2020FM34534R01E Verification Code: 34072561

Name of Sample	WOODTONIC® Photocatalyst Liquid	Test Type	Entrustment Test
Applicant	Syn-Tech Fuel Management & Technology Co. Ltd.	Address	No.1 Kin Fat Street,15/F., Unit 10, Ming Fat Industrial Centre,Tuen Mun, Hong Kong
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	About 300mL
Spec and Lot No of Sample	Photocatalyst Liquid	State and Characteristic	Liquid
Sample Received Date	2020-12-23	Test Completion Date	2021-02-02
Test Standard and Method	Refer to GB/T 21866-2008		
Item Tested	Evaluation of Virucidal activity		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report.		
Remarks	Manufacturer: Syn-Tech Fuel Management & Technology Co. Ltd (provided by the applicant)		

Issue Date: 2021-02-05
(Official Seal)



Editor: *Wuqiuyan.*

Verifier: *Sun Jias*

Approver: *Xie Xiaobao*

微生物
检测
合格



GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

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1. Pre-test treatment: use a metal plate as a bottom plate to make a coating film, and use it for the experiment after natural drying for 7 days.
2. Test with fluorescent lamp 1080lx irradiation.
3. Test Result

Virus and host cell	Action time	Group	Logarithm of infectivity titre value lgTCID ₅₀ /mL	Average logarithm of infectivity titre value lgTCID ₅₀ /mL	Average infectivity titre value TCID ₅₀ /mL	Logarithm reduction value (KL)	Virus inactivation ratio (%)
Human coronavirus (HCoV-229E) Host cell: Vero	1min	Control group1	5.90	5.93	8.63×10 ⁵	0.43	63.04
		Control group2	5.90				
		Control group3	6.00				
		Test group1	5.43	5.50	3.19×10 ⁵		
		Test group2	5.57				
		Test group3	5.50				

*Cells in the negative control group grew well ,the results met all the requirements of the evaluation criteria.

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