

Test Report

Number: GZHT02428651

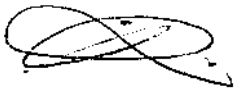
Report Ref:	GZHT02428651		
Date Received:	May 26, 2021	Date Issued:	Jun 16, 2021

Company Name:	CRDLIGHT OPTOELECTRONIC TECHNOLOGY CO., LTD
Address:	FLOOR 1-5 BUILDING NO.7& FLOOR 1-4 BUILDING NO.5 NO.18 XINYI ROAD JIANGHAI DISTRICT,JIANGMEN CITY GUANGDONG PROVINCE, CHINA
Contact Name:	Fishy

The Following Sample Was Submitted And Identified By/On Behalf Of The Applicant As:	
End Uses	: Medical Gloves
Ratings	: -
Sample Name	: Disposable Powder Free Nitrile Exam Glove
No. Of Sample	: One (35 pieces)
Size	: -
Colour	: Blue
Standard	: ASTM D6978-05 (Reapproved 2019)
Brand Name	: -
Agent	: -
Date received	: May 26, 2021
Test Started	: -

Test was conducted on specific items, at our client's request.

Prepared And Checked By:
For Intertek Testing Services Shenzhen Ltd. Guangzhou Branch



Lin Lin
General Manager

wen / hilaryxu



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Original Sample Photo



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Tests Conducted (As Requested By The Applicant)

Resistance of Medical Gloves to Permeation by Chemotherapy Drugs

TEST RESULTS

No.	TEST ITEMS		TEST RESULTS		
	Test Chemotherapy Drugs	Concentration (mg/mL)	Average Permeation Rate (Specimen 1/2/3) (μ g/cm ² /minute)	Average Breakthrough Detection Time (Specimen 1/2/3) (minutes)	Other Observations
1	Carmustine (BCNU)	3.3	0.1 (0.2,0.1,0.2)	6.2 (6.4,6.2,5.9)	Slight swelling and no disintegration
2	Cisplatin	1.0	<0.01	>240min	Slight swelling and no disintegration
3	Cyclophosphamide (Cytosan)	20.0	<0.01	>240min	Slight swelling and no disintegration
4	Dacarbazine (DTIC)	10.0	<0.01	>240min	Slight swelling and no disintegration
5	Doxorubicin HCL (Adriamycin)	2.0	<0.01	>240min	Slight swelling and no disintegration
6	Etoposide (Toposar)	20.0	<0.01	>240min	Slight swelling and no disintegration
7	Fluorouracil (Acrucil)	50.0	<0.01	>240min	Slight swelling and no disintegration

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8	Paclitaxel (Taxol)	6.0	<0.01	>240min	Slight swelling and no disintegration
9	ThioTEPA	10.0	0.7 (0.8,0.7,0.7)	8.4 (8.3,8.6,8.2)	Slight swelling and no disintegration
10	Methotrexate	25.0	<0.01	>240min	Slight swelling and no disintegration
11	Vincristine sulfate	1.0	<0.01	>240min	Slight swelling and no disintegration
Remarks	Test Conditions: Duration Of Test Period: 4 Hours Temperature: (35±2)°C Location of Sampling: palm				

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TEST INFORMATION

1. List of the testing drugs and their sources

NO.	Test Chemotherapy Drugs	Concentration (mg/mL)	Drug Sources
1	Carmustine (BCNU)	3.3	TRC;Lot:C07-C183875-1g;Expiration 10/2022
2	Cisplatin	1.0	USP;Lot:C10-1134357;Expiration 06/2022
3	Cyclophosphamide (Cytoxan)	20.0	USP;Lot:C10-1157002;Expiration 08/2022
4	Dacarbazine (DTIC)	10.0	USP;Lot:C10-1162308;Expiration 08/2022
5	Doxorubicin HCL (Adriamycin)	2.0	TRC;Lot:C07-D558000-250mg;Expiration 11/2022
6	Etoposide (Toposar)	20.0	ChromaDex;Lot:C27-ASB-00005365-025;Expiration 05/2022
7	Fluorouracil (Acrucil)	50.0	CDN;Lot:C31-N-2140-0.01g;Expiration 11/2021
8	Paclitaxel (Taxol)	6.0	USP;Lot:C10-1491365;Expiration 08/2022
9	ThioTEPA	10.0	USP;Lot:C10-1664000;;Expiration 06/2022
10	Methotrexate	25.0	ACROS;Lot:C65-208100250;Expiration 10/2021
11	Vincristine sulfate	1.0	USP;Lot:C10-1714007;Expiration 08/2022

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2. Collection Medium and wavelength

NO.	Test Chemotherapy Drugs	Concentration (mg/mL)	Wavelength (nm)	Collection Medium
1	Carmustine (BCNU)	3.3	200	10% ethanol aqueous solution
2	Cisplatin	1.0	232	Distilled water
3	Cyclophosphamide (Cytosan)	20.0	205	Distilled water
4	Dacarbazine (DTIC)	10.0	269	Distilled water
5	Doxorubicin HCL (Adriamycin)	2.0	231	Distilled water
6	Etoposide (Toposar)	20.0	199	Distilled water
7	Fluorouracil (Adrucil)	50.0	320	pH9.2 sodium hydroxide solution
8	Paclitaxel (Taxol)	6.0	229	30% methanol aqueous solution
9	ThioTEPA	10.0	199	Distilled water
10	Methotrexate	25.0	244	Distilled water
11	Vincristine sulfate	1.0	262	Distilled water

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3. Thickness of samples for the test

NO.	Test Chemotherapy Drugs	Thickness (Palm) (mm)			
		Sample 1	Sample 2	Sample 3	Average
1	Carmustine (BCNU)	0.053	0.052	0.052	0.052
2	Cisplatin	0.051	0.051	0.050	0.051
3	Cyclophosphamide (Cytoxan)	0.051	0.053	0.052	0.052
4	Dacarbazine (DTIC)	0.052	0.052	0.053	0.052
5	Doxorubicin HCL (Adriamycin)	0.051	0.054	0.054	0.053
6	Etoposide (Toposar)	0.053	0.053	0.053	0.053
7	Fluorouracil (Aduvicol)	0.053	0.052	0.051	0.052

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8	Paclitaxel (Taxol)	0.052	0.053	0.051	0.052
9	ThioTEPA	0.052	0.051	0.053	0.052
10	Methotrexate	0.050	0.051	0.051	0.051
11	Vincristine sulfate	0.052	0.052	0.054	0.053

Remark: The test was performed by an approved third party subcontractor laboratory.

End of Report

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