



TEST REPORT TUCHENG

Date: Aug.31,2020 Date of Receipt: Aug.24,2020

Report No.: TFF9H598 Quantity: 1PC Page Order/Pages: (P1/5) Ref. No.: NIL

Report Title: Curie Limited(U3104) Item: Mask

Address: No. 108, Ganhe Rd., Xitun Dist., Taichung City 407, Taiwan

| Test Items   |      | Test Results | Test Methods                                 |
|--|------|--------------|--|
| Sub-Micron Particulate Filtration Efficiency(%)<br>(0.1 $\mu$ m PSL) | 1    | 99.49        | ASTM F2100-2019 9.3                          |
|  | 2    | 99.45        | ASTM F2299-2017                              |
|  | 3    | 99.46        | Flow rate:28.1                               |
|  | 4    | 99.48        | (Liter/min)                                  |
|  | 5    | 99.48        |  |
|  | Ave. | 99.47        |  |
| Air Exchange Pressure<br>(mmH <sub>2</sub> O/cm <sup>2</sup> )       | 1    | 5.3          | ASTM F2100-2019 9.2                          |
|  | 2    | 5.3          | EN 14683:2019 Annex C                        |
|  | 3    | 4.9          |  |
|  | 4    | 5.1          |  |
|  | 5    | 5.3          |  |
| Flammability<br>(as Received)  |      | DNI          | ASTM F2100-2019 9.5<br>CPSC 16 CFR 1610-2008 |

Note: 1mmH<sub>2</sub>O=9.8Pa.

Note: Air Exchange Pressure takes 5 pieces for testing.

Note: Flammability takes 20 samples for testing.

Note: "DNI":Did Not Ignite.

Note: Sample description is given by the client: Brandname: Curie

Model: Curie KV99 Face Mask

Hong Kong address: Unit C, 23F, Tsun Tung Factory Bldg 38-40

Chai Wan Kok St, Tsuen Wan, NT Hong Kong

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Authorized by president of  
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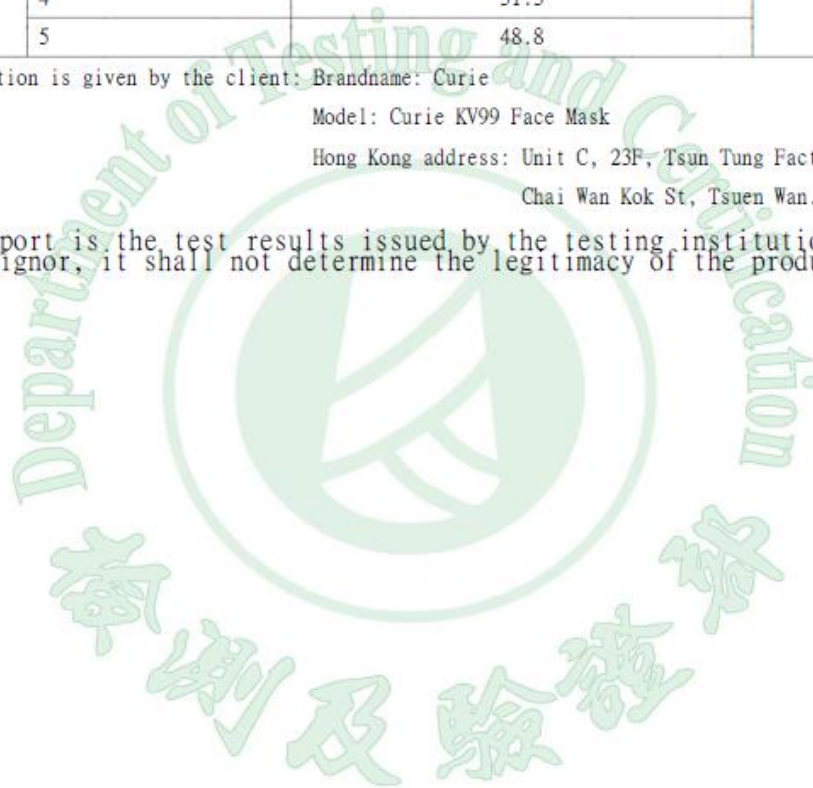
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| Test Items                                     |   | Test Results | Test Methods          |
|--|---|--------------|-----------------------|
| Air Exchange Pressure<br>(Pa/cm <sup>2</sup> ) | 1 | 50.7         | EN 14683:2019 Annex C |
|  | 2 | 49.1         |                       |
|  | 3 | 49.7         |                       |
|  | 4 | 51.3         |                       |
|  | 5 | 48.8         |                       |

Note: Sample description is given by the client: Brandname: Curie  
Model: Curie KV99 Face Mask  
Hong Kong address: Unit C, 23F, Tsun Tung Factory Bldg 38-40  
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TEST REPORT TUCHENG

Date: Aug.07,2020 Date of Receipt: Jul.27,2020

Report No.: TAG9G706 Quantity: 1PC Page Order/Pages: (P2/5) Ref. No.: NIL

Report Title: Curie Limited(U3104) Item: Mask

Address: No. 108, Ganhe Rd., Xitun Dist., Taichung City 407, Taiwan

| Test Items                                       |    | Test Results | Test Methods        |
|--|----|--------------|---------------------|
| Synthetic Blood Penetration<br>Pressure:160 mmHg | 1  | None Seen    | ASTM F2100-2019 9.4 |
|  | 2  | None Seen    | ASTM F1862-2017     |
|  | 3  | None Seen    |                     |
|  | 4  | None Seen    |                     |
|  | 5  | None Seen    |                     |
|  | 6  | None Seen    |                     |
|  | 7  | None Seen    |                     |
|  | 8  | None Seen    |                     |
|  | 9  | None Seen    |                     |
|  | 10 | None Seen    |                     |
|  | 11 | None Seen    |                     |
|  | 12 | None Seen    |                     |
|  | 13 | None Seen    |                     |
|  | 14 | None Seen    |                     |
|  | 15 | None Seen    |                     |
|  | 16 | None Seen    |                     |

Note: Sample description is given by the client: Brandname: Curie

Model: Curie KV99 Face Mask

Hong Kong address: Unit C, 23F, Tsun Tung Factory Bldg 38-40  
Chai Wan Kok St, Tsuen Wan. NT Hong Kong

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Address: No. 108, Ganhe Rd., Xitun Dist., Taichung City 407, Taiwan

| Test Items  |    | Test Results | Test Methods   |
|---|----|--------------|----------------|
| Synthetic Blood Penetration<br>Pressure:120 mmHg (16.0 kPa) | 1  | None Seen    | EN 14683:2019  |
|   | 2  | None Seen    | ISO 22609:2004 |
|   | 3  | None Seen    |                |
|   | 4  | None Seen    |                |
|   | 5  | None Seen    |                |
|   | 6  | None Seen    |                |
|   | 7  | penetration  |                |
|   | 8  | None Seen    |                |
|   | 9  | None Seen    |                |
|   | 10 | None Seen    |                |
|   | 11 | None Seen    |                |
|   | 12 | None Seen    |                |
|   | 13 | None Seen    |                |
|   | 14 | None Seen    |                |
|   | 15 | None Seen    |                |
|   | 16 | None Seen    |                |

Note: Sample description is given by the client: Brandname: Curie

Model: Curie KV99 Face Mask

Hong Kong address: Unit C, 23F, Tsun Tung Factory Bldg 38-40  
Chai Wan Kok St, Tsuen Wan. NT Hong Kong

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Report Title: Curie Limited(U3104) Item: Mask

Address: No. 108, Ganhe Rd., Xitun Dist., Taichung City 407, Taiwan

| Test Items  |           | Test Results | Test Methods   |
|---|-----------|--------------|----------------|
| Synthetic Blood Penetration<br>Pressure:120 mmHg (16.0 kPa) | 17        | None Seen    | EN 14683:2019  |
|   | 18        | None Seen    | ISO 22609:2004 |
|   | 19        | None Seen    |                |
|   | 20        | None Seen    |                |
|   | 21        | None Seen    |                |
|   | 22        | None Seen    |                |
|   | 23        | None Seen    |                |
|   | 24        | None Seen    |                |
|   | 25        | None Seen    |                |
|   | 26        | None Seen    |                |
|   | 27        | None Seen    |                |
|   | 28        | None Seen    |                |
|   | 29        | None Seen    |                |
|   | 30        | None Seen    |                |
| 31  | None Seen |              |                |
| 32  | None Seen |              |                |

Note: Sample description is given by the client: Brandname: Curie  
Model: Curie KV99 Face Mask  
Hong Kong address: Unit C, 23F, Tsun Tung Factory Bldg 38-40  
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TEST REPORT TUCHENG

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Report Title: Curie Limited(U3104) Item: Mask

Address: No. 108, Ganhe Rd., Xitun Dist., Taichung City 407, Taiwan

| Test Items                                       |           | Test Results | Test Methods        |
|--|-----------|--------------|---------------------|
| Synthetic Blood Penetration<br>Pressure:160 mmHg | 17        | None Seen    | ASTM F2100-2019 9.4 |
|  | 18        | None Seen    | ASTM F1862-2017     |
|  | 19        | None Seen    |                     |
|  | 20        | None Seen    |                     |
|  | 21        | None Seen    |                     |
|  | 22        | None Seen    |                     |
|  | 23        | None Seen    |                     |
|  | 24        | None Seen    |                     |
|  | 25        | None Seen    |                     |
|  | 26        | None Seen    |                     |
|  | 27        | None Seen    |                     |
|  | 28        | None Seen    |                     |
|  | 29        | None Seen    |                     |
|  | 30        | None Seen    |                     |
| 31   | None Seen |              |                     |
| 32   | None Seen |              |                     |

Note: Sample description is given by the client: Brandname: Curie

Model: Curie KV99 Face Mask

Hong Kong address: Unit C, 23F, Tsun Tung Factory Bldg 38-40  
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Report Title: Curie Limited(U3104) Item: Mask

Address: No. 108, Ganhe Rd., Xitun Dist., Taichung City 407, Taiwan

| Test Items            |   | Test Results | Test Methods        |
|-----------------------|---|--------------|---------------------|
| Bacterial Filtration  | 1 | 99.9         | ASTM F2100-2019 9.1 |
| Efficiency (BFE)(%)   | 2 | 99.9         | ASTM F2101-2019     |
| Staphylococcus aureus | 3 | > 99.9       |                     |
| ATCC 6538             | 4 | 99.9         |                     |
|                       | 5 | 99.9         |                     |

Note: Control average: 2640 CFU.

Note: Mean particle size: 2.8 μm.

Note: Testing side: outside of specimen.

Note: Testing area: 39.5 cm<sup>2</sup>.

Note: Flow rate : 28.3 L/min.

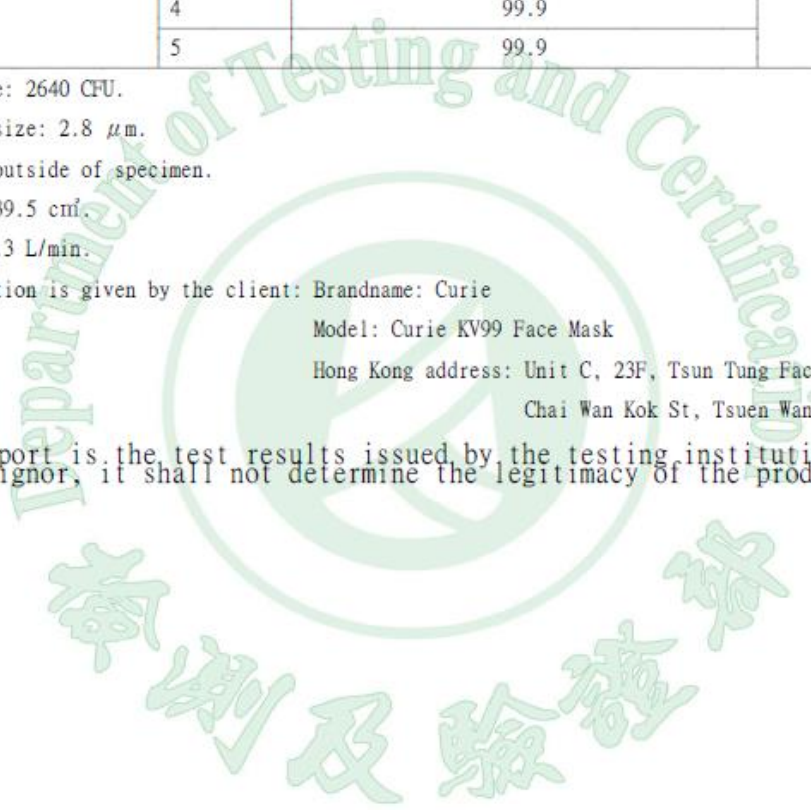
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| Test Items            |   | Test Results | Test Methods          |
|-----------------------|---|--------------|-----------------------|
| Bacterial Filtration  | 1 | > 99.9       | EN 14683:2019 Annex B |
| Efficiency (BFE)(%)   | 2 | 99.9         |                       |
| Staphylococcus aureus | 3 | 99.9         |                       |
| ATCC 6538             | 4 | > 99.9       |                       |
|                       | 5 | 99.9         |                       |

Note: Control average: 2640 CFU.

Note: Mean particle size: 2.8 μm.

Note: Testing side: outside of specimen.

Note: Testing area: 39.5 cm<sup>2</sup>.

Note: Flow rate : 28.3 L/min.

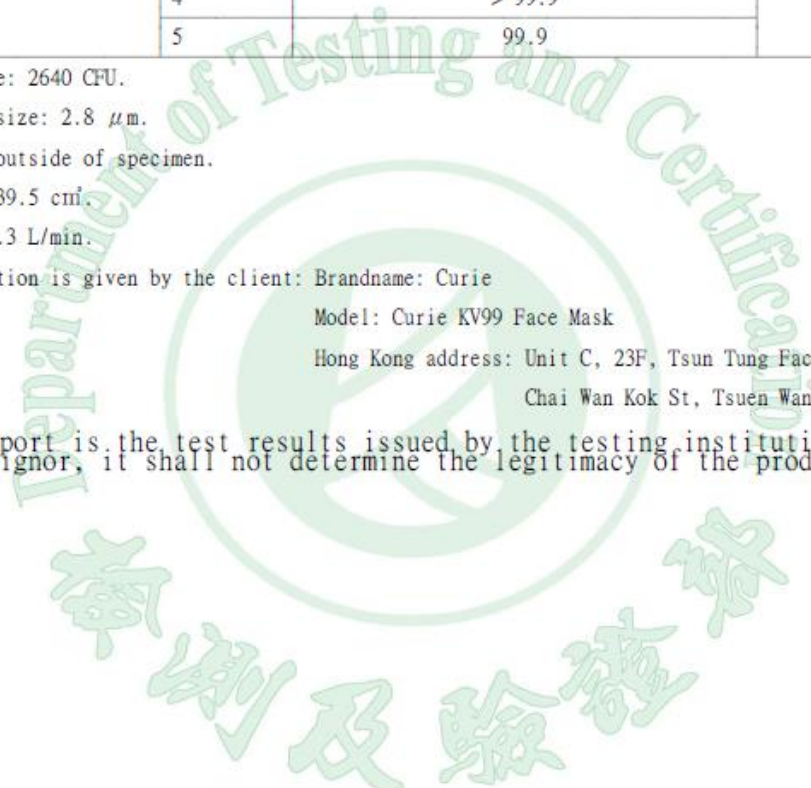
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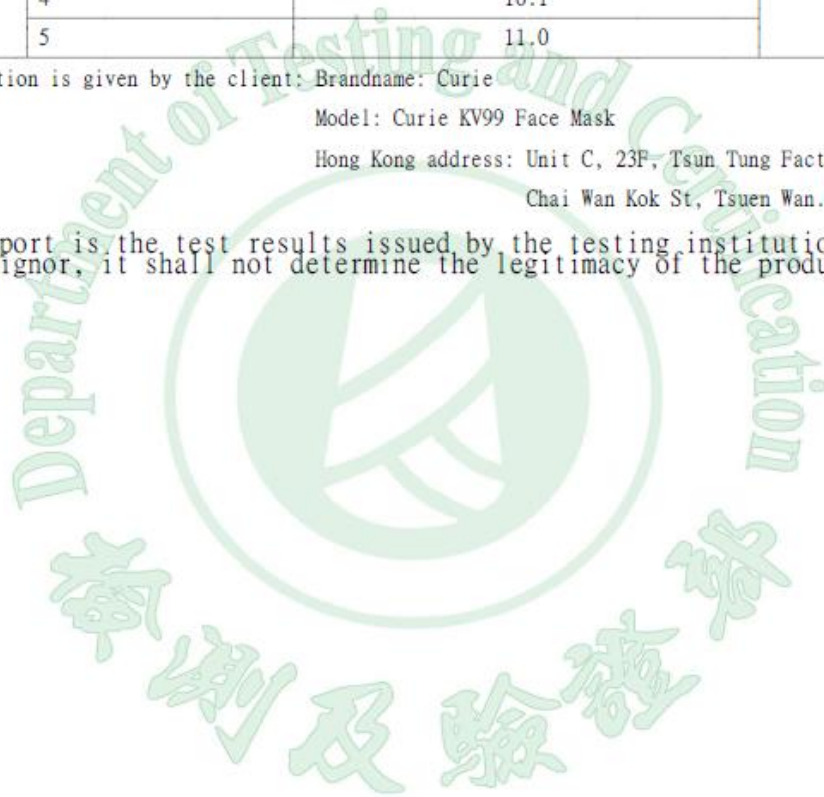
Report Title: Curie Limited(U3104) Item: Mask

Address: No. 108, Ganhe Rd., Xitun Dist., Taichung City 407, Taiwan

| Test Items                       |   | Test Results | Test Methods        |
|----------------------------------|---|--------------|---------------------|
| Microbial cleanliness<br>(cfu/g) | 1 | 13.7         | EN 14683:2019       |
|                                  | 2 | 10.6         | EN ISO 11737-1:2018 |
|                                  | 3 | 4.4          |                     |
|                                  | 4 | 10.1         |                     |
|                                  | 5 | 11.0         |                     |

Note: Sample description is given by the client: Brandname: Curie  
 Model: Curie KV99 Face Mask  
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