By the MINISTRY OF HEALTH **SOCIAL REPUBLIC OF VIETNAM**

**NATIONAL INSTITUTE OF MEDICAL DEVICE AND** Independence – Freedom – Happiness

**CONSTRUCTION**

TESTING CERTIFICATION

No: 01702e/ VTTB-DGCL

**Applicant:** Thao Minh Produce Trade Service Co., ltd

**Address:** 154/18 Vo Thi Sau Str, Ward 08, District 03, Ho Chi Minh City

**Sample Description:** Three-layer anti-bacterial cloth masks

**Model:** TMC MASK

**Manufacturer:** Thao Minh Produce Trade Service Co., ltd

**Country of original:** Vietnam

**Tester:** Tran Duc Anh

**Testing method:** Followed the Ministry of Health’s guideline no. 870/ QD-BYT on 03/12/2020 on how to produce anti-microbial and anti-droplet facemasks.

**Result:** TMC mask passed all requirements by the Ministry of Health.

Hanoi, Date 03/30/2020

Director of Institute

Dr. Le Thanh Hai

**TEST RESULT**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Content** | **Requirement** | **Pass** | **Fail** |
| 1 | Construction and material | There are three layers. The outer layer has a smooth surface, is breathable, water resistant and anti-droplet. The strap has good elasticity. | X |  |
| 2 | Anti-droplet Ability  | The filtration efficiency for oil mist particles is no less than 90%. | X |  |
| 3 | Respiratory resistance | Respiratory resistance is no more than 9 mmH2O. | X |  |
| 4 | Anti-microbial |  | X |  |
| 5 | Acceptable limits of heavy metals |
| 5.1 | Arsenic content (As) | 0,17 mg/kg | X |  |
| 5.2 | Lead content (Pb) | 1,00 mg/kg | X |  |
| 5.3 | Mercury content (Hg) | 0,12 mg/kg | X |  |
| 5.4 | Antimony content (Sb) | 0,10 mg/kg | X |  |
| 5.5 | Cadmium content (Cd) | 0,10 mg/kg | X |  |

\* This test result is only valid for test samples from Thao Minh Produce Trade Service Co., ltd provided to the National Institute of Medical Device and Construction on March 30th, 2020.

 Hanoi, March 30th, 2020

Checked by Tester

Ha Quang Thanh Tran Duc Anh