



2020

CERTIFICATE OF REGISTRATION

This certifies that:

HAN VIET CO., LTD (HANVICO)
Km 14 Road No. 1 A
Thanh Tri District Ha Noi, Thanh Pho, VN

is registered with the U.S. Food and Drug Administration for FY 2020 pursuant to Title 21, 807 et seq. of the United States Code of Federal Regulations:

Establishment Registration:	3016790408
Device Classification Name:	FACE MASK (EXCEPT N95 RESPIRATOR) FOR GENERAL PUBLIC/HEALTHCARE PERSONNEL PER IIE GUIDANCE
Product Code:	QKR
Official Correspondent and U.S. Agent:	Registrar Corp 144 Research Drive, Hampton, Virginia, 23666, USA Telephone: +1-757-224-0177 • Fax: +1-757-224-0179

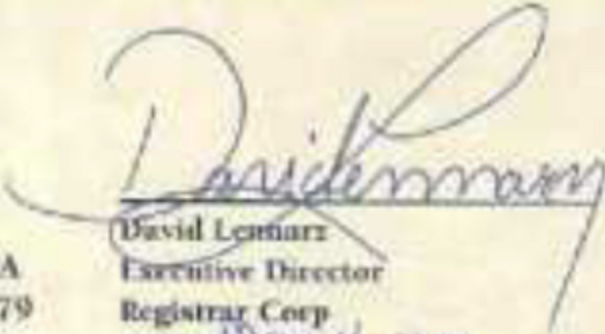
Registrar Corp will confirm that such registration remains effective upon request and presentation of this certificate until the end of the year stated above, unless said registration is terminated after issuance of this certificate. Registrar Corp makes no other representations or warranties, nor does this certificate make any representations or warranties to any person or entity other than the named certificate holder, for whose sole benefit it is issued. This certificate does not denote endorsement or approval of the certificate-holder's device or establishment by the U.S. Food and Drug Administration. Registrar Corp assumes no liability to any person or entity in connection with the foregoing.

Pursuant to 21 CFR 807.39, "Registration of a device establishment or assignment of a registration number does not in any way denote approval of the establishment or its products. Any representation that creates an impression of official approval because of registration or possession of a registration number is misleading and constitutes misbranding."

The U.S. Food and Drug Administration does not issue a certificate of registration, nor does the U.S. Food and Drug Administration recognize a certificate of registration. Registrar Corp is not affiliated with the U.S. Food and Drug Administration.

Registrar Corp

144 Research Drive, Hampton, Virginia, 23666, USA
Telephone: +1-757-224-0177 • Fax: +1-757-224-0179
info@registrarcorp.com • www.registrarcorp.com


David Lemarr
Executive Director
Registrar Corp

Dated: May 4, 2020



Certificate
OF REGISTRATION

HAN VIET COMPANY LIMITED (HANVICO)

**KM 14 HIGHWAY 1A, NGOC HOI COMMUNE, THANH TRI DISTRICT,
HA NOI CITY, VIETNAM**

has submitted declaration of Conformity (Dated: 20-02-2020) according to

Class-1, Medical Devices Directive 93/42 EEC Annexure VII

Organization has been assessed and found to be conforming with the requirements of the stated directive and standards submitted through Declaration of conformity

Hence manufacturer places the CE marking with his own responsibility as follows:



For the Products of

NANO SILVER ANTIBACTERIAL MASK

By QSA International, UK

Registration Number : QSA-20012301
Initial Certification Date: 20 March 2020
Certification Expiry Date: 19 March 2023



**QSA INTERNATIONAL
LIMITED**
27, Old Gloucester Street,
London, WC1N3AX, ENGLAND

Stuartford Ray

Certification Manager



Email: info@qsai.co.uk
Web: www.qsai.co.uk

CONG TY TNHH HAN VIET

KM 14 QUOC LO 1A, NGOC HOI - THANH TRI - HA NOI - VIET NAM

The following sample was submitted and identified on behalf of the client as below:

SGS Job No. : VNHL2005007400HG
 Sample Description : "KHAU TRANG FRES EVER 3D MAX - PLUS"
 Color : "DEN"
 Characteristic : "KHANG KHUAN"
 Buyer : CONG TY TNHH HAN VIET
 Country of Origin : VIET NAM
 Country of Destination : INTERNATIONAL
 Sample Receiving Date : MAY 07, 2020
 Final confirmed Date : MAY 07, 2020
 Testing Period : MAY 07, 2020 TO MAY 22, 2020
 Test Requested : PLEASE REFER TO THE RESULT SUMMARY.
 Test Results : PLEASE REFER TO NEXT PAGE(S).
 Result Summary :

Test Requested	Conclusion
Antibacterial activity	Data/See results

 Signed for and on behalf of
SGS Vietnam LTD

Ung Thanh Van
 Hardline Lab Manager

This document is issued by the Company subject to its General Conditions of Service printed on other analysis or inspection report and for reference to the conditions of liability, indemnification and jurisdiction clause defined therein. Any reader of this document is advised that information contained herein reflects the Company's findings at the time and circumstances and execution of the test and does not constitute a warranty or a representation for any purpose. This document cannot be reproduced or stored in a retrieval system without the prior written approval of the Company. Any unauthorized alteration, forgery or falsification in the content or appearance of this document is prohibited and may be prosecuted to the fullest extent of the law.

Details wherever stated the results shown in this test report refer only to the original material and each sample(s) are preserved for 30 days only.

SGS Vietnam Ltd Office: 196 Nguyen Thi Minh Khai St, District 5, Ho Chi Minh City, Vietnam | 84 28 2321 1901 | 84 28 2321 1961 | www.sgs.com
 Lab: Lot 1/21, 19/21 St, Industrial Group B, Tan Kim 2, Tan Phu District, HCMC, S.S. Vietnam | 84 28 3810 0281 | 84 28 3810 0282

SGS INSTITUT FRESENIUS GmbH Postfach 1261 65220 Taunusstein

ITUL GmbH
Ludwig-Hartmann-Str. 45
01277 Dresden

Prüfbericht: 5389568-01

Kunde: 10189475
Auftrag: 5389568

Ihr Auftrag/Projekt vom:



Anna-Magdalena Eigenbrodt
Tel. +49 6128 / 744-566
anna-magdalena.eigenbrodt@sgs.com

Consumer and Retail Services
Cosmetics, Personal Care & Household

SGS INSTITUT FRESENIUS
Im Maisel 14
65232 Taunusstein

Taunusstein, 26.06.2020

Quantitative Bestimmung der antibakteriellen Wirkung von Oberflächen in Anlehnung an ISO 20743 und JIS L 1902

Probenbezeichnung : 200567235 - Antiviral Mund-Nasenschutz 5 Stk. Herstellungsjahr: 2020
Haltbarkeit bis Ende: 2023 (Kontrolle)

200454143 - Antimikrobieller Mund-Nasenschutz Fresh Ever 3D MAX 3 -
lagig komprimiert EXCLUSIVE Nano-Silber ATB-UV+Fasern Isolieren 99,9%
aller Mikroorganismen

Probeneingang : 04.06.2020

Prüfzeitraum : 17.06.2020 – 23.06.2020



Prüfbericht : 5389568 - 01
 Auftrag : 5389568
 Kunde : 10189475

26.06.2020

Diskussion:

In dieser Prüfung konnten nicht alle Validierungsbedingungen erfüllt werden, da die Keimzahl des unbehandelten Materials nach 0h unterhalb der Anforderungen liegt. Dies kann der Tatsache geschuldet sein, dass das als Kontrolle gestellte Material ein gewisses Reduktionspotential aufweist. Da jedoch der 24h Wert als Bezugsgröße zum behandelten Material dient und dieser innerhalb der Validierungsbedingungen liegt, konnte eine Reduktion berechnet werden.

Das Produkt **Antimikrobieller Mund-Nasenschutz Fresh Ever 3D MAX 3 - lagig komprimiert EXCLUSIVE Nano-Silber ATB-UV+Fasern Isolieren 99,9%** zeigt gegenüber der Kontrollprobe **Antiviral Mund-Nasenschutz** Reduktionen von > 3 log, welche größer der geforderten Reduktion von > 2 log in Anlehnung an ISO 20743/JIS L 1902 sind.

SGS INSTITUT FRESENIUS GmbH

i. V. Sebastian Vogel
 GROUP LEADER BIOSERVICE

i. A. Anna-Magdalena Eigenbrodt
 CUSTOMER SERVICE CONSULTANT

Die Prüfergebnisse beziehen sich ausschließlich auf die untersuchten Prüfgegenstände und den Zeitpunkt der Durchführung der Prüfung im Rahmen der Prüfvorgaben.

Dieses Dokument wurde von der Gesellschaft im Rahmen ihrer Allgemeinen Geschäftsbedingungen für Dienstleistungen erstellt, die unter www.sgsgroup.de/agb zugänglich sind. Es wird ausdrücklich auf die darin enthaltenen Regelungen zur Haftungsbegrenzung, Freistellung und zum Gerichtsstand hingewiesen.

Dieses Dokument ist ein Original. Wenn das Dokument digital übermittelt wird, ist es als Original im Sinne der UCP 600 zu behandeln.

Jeder Besitzer dieses Dokuments wird darauf hingewiesen, dass die darin enthaltenen Angaben ausschließlich die im Zeitpunkt der Dienstleistung von der Gesellschaft festgestellten Tatsachen im Rahmen der Vorgaben des Kunden, sofern überhaupt vorhanden, wiedergeben. Die Gesellschaft ist allein dem Kunden gegenüber verantwortlich. Dieses Dokument entbindet die Parteien von Rechtsgeschäften nicht von ihren insoweit bestehenden Rechten und Pflichten. Jede nicht genehmigte Änderung, Fälschung oder Verzerrung des Inhalts oder des äußeren Erscheinungsbildes dieses Dokuments ist rechtswidrig. Ein Verstoß kann rechtlich geahndet werden.

-BERICHTSENDE-

TEST REPORT

NUMBER : VNHT20003718

DATE : 26-May-2020

TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

1. Antibacterial Activity

AATCC TM100-2019 As Received (Subcontracted To Intertek Can Tho)

Result :

	<u>Staphylococcus Aureus (ATCC 6538)(*)</u>	<u>Klebsiella pneumoniae (ATCC 4352)(*)</u>
Initial Count (CFU/ml)	2.4 x 10 ⁵	2.5 x 10 ⁵
The number of bacterial recovered from the inoculated tested sample swatches immediately after inoculation ("0" contact time)(b)(CFU/Sample)	2.7 x 10 ⁵	2.6 x 10 ⁵
The number of bacterial recovered from the inoculated tested sample swatches incubated over 24 hours contact period (a)(CFU/Sample)	8.0 x 10 ²	6.0 x 10 ²
Percent reduction of Bacterial	99.70%	99.77%

Remark:

Calculation: Percent Reduction Of Bacteria = (b-a)/b X 100%

CFU= Colony Forming Unit

Conditional Testing:

As Per AATCC Test Method 100-2019

Test Organism: Staphylococcus Aureus (AATCC 6538)

Klebsiella Pneumoniae (AATCC 4352)

Sterilization Of Sample Before Test: None

Neutralizing Solution: 0.85% Sodium Chlorine Solution

Contact Time: 24 Hours

Incubation Temperature: 37°C

Incubation Period: 48 Hours

Agar Medium: Nutrient Agar

Tested Specimen: Submitted Sample (1g Of square swatches 3.8 x 3.8 cm)

(*) Parameters Are Not Accredited ISO 17025

This Test Result Is Only Valid On Tested Sample

END OF THE TEST REPORT

This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>.



TEST REPORT

Test No: 104-14-02-20-1/TNX-2
Date of issue: February 19th, 2020

Client: HAN VIET COMPANY LIMITED

Address: Km14 National Highway 1A, Thanh Trì District, Hanoi

Date of Receipt: February 14th, 2020 Date(s) of performance: From Feb 14th to Feb 19th, 2020

Sample provided and identified by client

Sample Identification: Sample 1: 7Dx64mm ANTIBACTERIAL TPA PROCESSING Filters.



Test Sample:



Test results: See the next page



TEST REPORT

Test No: 104-14-02-20-1/TNX-2
Date of issue: February 19th, 2020

No.	Items	Units	Test Methods	Results
1	Average breaking strength	G/fibre	Reference to TCVN 4182: 2009	31.8
		CV (%)		2.6
	Average breaking tenacity	G/den		4.6
2	Cut length	mm	ISO 6989:1981 (Method A)	68.0
		CV (%)		9.4
3	Average crimp frequency of manufactured staple fibers	crimp/cm	ASTM D 3937- 12(2018)	4.2
		CV (%)		19.9
4 ¹⁾	Determining Antimicrobial Activity – The percent reduction of the organisms (%)	Escherichia coli ATCC 25922	0 hours (B), CFU/ml	1.7×10^7
			24 hour (A), CFU/ml	1.3×10^4
			% Reduction (R)	92.3
		Staphylococcus aureus ATCC 6538	0 hours (B), CFU/ml	1.7×10^7
			24 hour (A), CFU/ml	1.2×10^4
			% Reduction (R)	93.0

Remark:

- 1) Test specimens were incubated at 37°C for 24 h
CFU/ml: colony forming units per milliliter
 $R = 100 (B-A) / B$ where:
A: CFU per milliliter after the 1 hour contact time
B: CFU per milliliter at the "0" contact time

*** End of report ***

SIGNED FOR AND ON BEHALF OF VTRI



TAM ĐỐC TRUNG TÂM THÍ NGHIỆM
TS. Bùi Thị Thiên Nam

The above results and Results are valid for tested samples provided by applicant only. 000 g
Reproduction a part of this Test Report is not allowed without permission written of Textile Testing Centre.
Client, sample identification and Manufacturer are introduced at client's requests.

TORAY

Toray Advanced Materials Korea Inc.

68, 7, Magokdong-ro 10-gil, Gangseo-gu, Seoul, 07790, Republic of Korea
TEL : 82-2-3279-7323 FAX : 82-2-3279-7358 E-MAIL : david.shin@torayank.com

LETTER OF CONFIRMATION

ISSUE DATE: 26-Feb, 2020

We hereby confirm to Hanviet (Hanvico) :

Toray Advanced Materials Korea Inc. hereby confirms:

1. Hanviet (Hanvico) is the only one supplier of blue color Anti-bacterial PSF in Vietnam Market
2. The certificates Toray Advanced Materials Korea Inc. received (Oekotex, ISEGA, ISO 9001, ISO 1400) is valid and will update it on a regular basis



Toray Advanced Materials Korea Inc.

CEO HAE SANG JEON



H. S. JEON

Toray Advanced Materials
Korea Inc.

Thank you.
Best Regards.



Toray Chemical Korea Inc.
CERT
2020-002 - Oxygen
2020-002 - Environmental
2020-002-001 - Safety & Health



Toray Chemical Korea Inc.
CERT
2020-002-002
2020-002-002
2020-002-002



CERTIFICATE

The company

Toray Advanced Materials Korea Inc.
35F, PKI Tower 24, Yeouido-Daero
Yeongdeungpo-gu
Seoul 150-881, KOREA, SOUTH

is granted authorization according to STANDARD 100 by OEKO-TEX® to use
the STANDARD 100 by OEKO-TEX® mark, based on our test report
19.0.79683



for the following articles:

PET staple fibers branded 'ESLON' – regardless of cut length, undyed, dope dyed in sky blue or black, type: Solid (Regular), Low Melting (EZBON-L), Low Melting Black (EZBON-L), Hollow Conjugate (HC), Hollow Conjugate Silicized (HCS), Micro (DOWNFILL), Short-Cut (Mini-ESLON), Dope Dyed Sky Blue, Dope Dyed Black, PE/PET Bi-Component, PE/PP Bi-Component, Mono PP, High Shrinkage (HS), Antimicrobial (Freshever/Silver), Post-Consumer Recycled (ECOWAY), Recycled Fiberfill (FP), Elastic Blender (E-PLEX), Sound Absorbing (SAF), ESPRON (Flame Retardant); partly finished with flame retardant and biological active products accepted by OEKO-TEX®.


The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Appendix 6, product class I have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Appendix 6 for baby articles.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA, with the exception of accessories made from glass) and of the Chinese standard GB 11801-2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

The certificate 16.HKR.87105 is valid until 31.07.2020

Bismarckheim, 30.07.2019


Dr. Ingrid F. H. Nanne-Schwarz
Head of Certification Body OEKO-TEX®

CERTIFICATE OF APPROVAL

**TORAY ADVANCED MATERIALS
KOREA INC.**



• HEAD OFFICE/UNIT PLANT : 100, DONGGANG 1-DONG, GUMHANGSI,
GYEONGSANGNAPDO, KOREA
• SITE: Refer to the Appendix

Korean Standards Association hereby certifies that the Environmental Management System of the above organization has been assessed and found to meet the requirements of the standard and scope of certification detailed below:

CERTIFICATION No. EMS-0084

STANDARD KS I ISO 14001:2015/ISO 14001:2015

SCOPE OF CERTIFICATION
SITE: Refer to the Appendix

VALID FROM 24 November 2017

VALID UNTIL 23 November 2020

Original Certification Date: 24 November 2017

• This certificate is issued for the purpose of information.

Date of Issue: 03 April 2018


PRESIDENT OF KSA

KOREAN STANDARDS ASSOCIATION

15, Teheran Rd., Chungjeong-Gu, Seoul, Korea

KSA



KSA has been accredited as a signatory of ISO 14001 according to the IAF Accredited Certification Number KSA 14001.