

CERTIFICATE

The Company

PT. KINERJA MUTIARA PERSADA
Jl. Raya Cinangka no.156 RT 006/ RW 03
Desa Cinangka, Kec. Bungursari
41181 Cikampek, Purwakarta, Jawa Barat, INDONESIA

is granted authorisation according to ECO PASSPORT by OEKO-TEX® to use the OEKO-TEX® mark

OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT 

JK150 127734 TESTEX

Textile chemicals. Tested and verified.
www.oeko-tex.com/ecopass



for the following chemical products

Product(s): Vector CM-L, Vector PT-01B, Vector V-37, Vector VFS-01

Category: Agents for fabric production

Supporting documents

- Declaration of conformity in accordance with EN ISO 17050-1 included in ECO PASSPORT by OEKO-TEX® Terms of Use.
- Analytical test report number: JK150 152249.1
- RSL Screening Report
- Detailed information about the components and safety data sheets of the chemical products mentioned above.

The above captioned product(s) can be used for the production of human-ecological optimized textiles. The combined results of the reports mentioned above reveal that there is no harmful effect on the human and environmental health of the textiles treated/finished with the above mentioned products. This evaluation used the test methods and requirements of the ECO PASSPORT by OEKO-TEX® that were in force at the time of the evaluation date. ZDHC MRSL Conformance Level 1 is achieved for certified product(s) without restriction(s).

The certificate JK150 127734 is valid until 30.04.2020

Zürich, 29.04.2019

Matz Bachmann
Managing Director
TESTEX AG

Mary Rose Egloff
Customer Service Ecology Manager
TESTEX AG

ECO PASSPORT SCREENING REPORT

The Global RSL and MRSL Search and Screen Tool

ECO PASSPORT Screening is used to screen chemical products – at the ingredient level – against the world's leading restricted substance lists and manufacturing restricted substance lists:

- STANDARD 100 by OEKO-TEX® Restricted Substance List (RSL)
- ECO PASSPORT by OEKO-TEX® Restricted Substance List (RSL)
- STeP by OEKO-TEX® Manufacturer Restricted Substance List (MRSL)
- REACH Substances of Very High Concern (SVHC)

The product components, main constituents and impurities declared by the applicant are not mentioned on the MRSL of ZDHC.

Company

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Category: Agents for fabric production

Certificate No: JK150 127734

Issued by: TESTEX AG, Swiss Textile Testing Institute

ECO PASSPORT SCREENING SYNOPSIS

The following product(s) are suitable for ECO PASSPORT analytical verification:

Vector V-37, Vector CM-L, Vector VFS-01, Vector PT-01B

The following product(s) are not suitable according to the RSL screening:

None

Information disclosure level: **ADVANCED**

The screening has been conducted against the above mentioned Restricted Substances Lists valid on 29.04.2019



TESTEX®

REGISTERED

PT. Kinerja Mutiara Persada
Mr. Dimas Ibnu Ramadhan
Jl. Raya Cinangka no.156 RT 006/ RW 03
Desa Cinangka, Kec. Bungursari
Cikampek
Purwakarta, Jawa Barat 41181
Indonesia

Fax in advance: 838388

E-mail in advance: dimas.ramadhan@kimuda-indonesia.co.id

Zurich, 29.04.2019 / chnd

TEST REPORT NO. JK150 152249.1 revised

Page 1 of 9

Test material: Sizing Agent Vector V-37, Sizing Agent Vector VFS-01, Sizing Agent Vector PT-01 B, Sizing Agent Vector CM-L.

SUBJECT OF ANALYSIS

According to your order dated 06.03.2019 analysis should be carried out on the samples received on 11.03.2019. This order and the tests carried out are related to the application for renewal of your ECO PASSPORT by OEKO-TEX® Certificate JK150 127734.

RESULTS OF ANALYSIS

The results of the analysis we have carried out are summarized in the following tables.

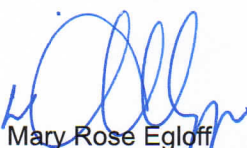
SUMMARY

The test methods and requirements according to ECO PASSPORT by OEKO-TEX® were used as basis of evaluation of the products.

The test results show that the sizing agents do not contain substances regarded as harmful according to the standards of ECO PASSPORT and are therefore suitable for use without restriction in the production of human ecologically-optimized textiles provided the manufacturer's instructions are observed during the application.

Please find your ECO PASSPORT JK150 127734 together with the corresponding RSL-Report enclosed with this test report. The period of validity has been extended by another year.

Swiss Textile Testing Institute
TESTEX AG



Mary Rose Egloff

Customer Service Ecology Manager



Chantal Ndongo
Customer Service Officer

Enclosures mentioned

cc: TESTEX Jakarta

proven since 1846

TESTEX AG, Schweizer Textilprüfinstitut, Gotthardstrasse 61, Postfach 2156, CH-8027 Zürich
Telefon +41 44 206 42 42, Fax +41 44 206 42 30, zuerich@testex.com, www.testex.com



OVERVIEW

Please refer to overview table and table of result for failed samples.

p: tested and passed; X: tested and failed; d: done; ' ': not tested

	Sample No.							
	1	2	3	4				
Chlorinated Benzenes & Toluenes ECO PASSPORT by OEKO-TEX® Method 12		p	p					
Chlorinated Phenols and OPP ECO PASSPORT by OEKO-TEX® Method 5		p		p				
Heavy Metals ECO PASSPORT by OEKO-TEX® Method 3	p	p	p	p				
Organic Tin Compounds ECO PASSPORT by OEKO-TEX® Method 7	p			p				
Polycyclic Aromatic Hydrocarbons (PAH) ECO PASSPORT by OEKO-TEX® Method 13	p		p					
Solvent Residues ECO PASSPORT by OEKO-TEX® Method 14		p		p				
Surfactants, Wetting Agent Residues ECO PASSPORT by OEKO-TEX® Method 15	p		p					
VOCs (Volatile Organic Compounds) ECO PASSPORT by OEKO-TEX® Method 19		p	p					

No. 1: Category 1.2.3 Sizing Agent Vector V-37

No. 2: Category 1.2.3 Sizing Agent Vector VFS-01

No. 3: Category 1.2.3 Sizing Agent Vector PT-01 B

No. 4: Category 1.2.3 Sizing Agent Vector CM-L



TABLE OF RESULTS

		#1	#2	#3	#4
		Category	Category	Category	Category
		1.2.3 Sizing	1.2.3 Sizing	1.2.3 Sizing	1.2.3 Sizing
		Agent	Agent	Agent	Agent
		Vector V-37	Vector VFS	Vector PT-	Vector CM-
			-01	01 B	L
Heavy Metals ECO PASSPORT by OEKO-TEX® Method 3 [ECP - testing items ECO PASSPORT by OEKO-TEX]		ECO PASSPORT threshold value			
No. of tests		1	1	2	1
• Chromium total	[mg/kg] <=100	<5.0	<5.0	<5.0	<5.0
• Manganese	[mg/kg] <=1000	<5.0	<5.0	<5.0	<5.0
• Iron	[mg/kg] <=2500	137	14	16	12
• Cobalt	[mg/kg] <=500	<5.0	<5.0	<5.0	<5.0
• Nickel	[mg/kg] <=200	<5.0	<5.0	<5.0	<5.0
• Copper	[mg/kg] <=250	<5.0	<5.0	<5.0	<5.0
• Zinc	[mg/kg] <=1500	5.5	<5.0	20	<5.0
• Arsenic	[mg/kg] <=50	<5.0	<5.0	<5.0	<5.0
• Selenium	[mg/kg] <=20	<5.0	<5.0	<5.0	<5.0
• Silver	[mg/kg] <=100	<5.0	<5.0	<5.0	<5.0
• Cadmium	[mg/kg] <=20	<5.0	<5.0	<5.0	<5.0
• Tin	[mg/kg] <=250	59	31	37	28
• Antimony	[mg/kg] <=50	<5.0	<5.0	<5.0	<5.0
• Barium	[mg/kg] <=100	<5.0	27	<5.0	<5.0
• Mercury	[mg/kg] <=4	<0.50	<0.50	<0.50	<0.50
• Lead	[mg/kg] <=90	<5.0	<5.0	<5.0	<5.0



#2	#4
Category	Category
1.2.3 Sizing	1.2.3 Sizing
Agent	Agent
Vector VFS	Vector CM-
-01	L

Chlorinated Phenols and OPP ECO PASSPORT by OEKO-TEX® Method 5 [ECP - testing items ECO PASSPORT by OEKO-TEX]		ECO PASSPORT threshold value	#2	#4
No. of tests			1	1
• OPP (Orthophenylphenol)	[mg/kg]	<100	<0.05	<0.05
• Pentachlorophenol (PCP)	[mg/kg]	<0.50	<0.01	<0.01
• 2,3,5,6-TeCP	[mg/kg]		<0.01	<0.01
• 2,3,4,6-TeCP	[mg/kg]		<0.01	<0.01
• 2,3,4,5-TeCP	[mg/kg]		<0.01	<0.01
• Tetrachlorophenols (TeCP, Sum)	[mg/kg]	<0.50	<0.01	<0.01
• 2,3,4-TrCP	[mg/kg]		<0.05	<0.05
• 2,3,5-TrCP	[mg/kg]		<0.05	<0.05
• 2,3,6-TrCP	[mg/kg]		<0.05	<0.05
• 2,4,5-TrCP	[mg/kg]		<0.05	<0.05
• 2,4,6-TrCP	[mg/kg]		<0.05	<0.05
• 3,4,5-TrCP	[mg/kg]		<0.05	<0.05
• Trichlorophenols (TrCP, Sum)	[mg/kg]	<2.0	<0.05	<0.05
• 2,4/2,5-DCP	[mg/kg]		<0.05	<0.05
• 2,6-DCP	[mg/kg]		<0.05	<0.05
• 2,3-DCP	[mg/kg]		<0.05	<0.05
• 3,4-DCP	[mg/kg]		<0.05	<0.05
• 3,5-DCP	[mg/kg]		<0.05	<0.05
• Dichlorophenols (DCP, Sum)	[mg/kg]	<5.0	<0.05	<0.05
• 2-MCP	[mg/kg]		<0.05	<0.05
• 3-MCP	[mg/kg]		<0.05	<0.05
• 4-MCP	[mg/kg]		<0.05	<0.05
• Monochlorophenols (MCP, Sum)	[mg/kg]	<5.0	<0.05	<0.05
• Phenol	[mg/kg]	<500	<2.0	<2.0



#1	#4
Category	Category
1.2.3 Sizing	1.2.3 Sizing
Agent	Agent
Vector V-37	Vector CM-L

Organic Tin Compounds ECO PASSPORT by OEKO-TEX® Method 7 [ECP - testing items ECO PASSPORT by OEKO-TEX]	ECO PASSPORT threshold value		
No. of tests		1	1
• Trimethyltin (TMT) [mg/kg]	<5.0	<0.05	<0.05
• Dimethyltin (DMT) [mg/kg]	<5.0	<0.05	<0.05
• Monomethyltin (MMT) [mg/kg]	<5.0	<0.05	<0.05
• Tetraethyltin (TeET) [mg/kg]	<5.0	<0.05	<0.05
• Monobutyltin (MBT) [mg/kg]	<5.0	<0.05	<0.05
• Dibutyltin (DBT) [mg/kg]	<5.0	<0.05	<0.05
• Monophenyltin (MPHT) [mg/kg]	<5.0	<0.05	<0.05
• Tributyltin (TBT) [mg/kg]	<5.0	<0.05	<0.05
• Monooctyltin (MOT) [mg/kg]	<5.0	<0.05	<0.05
• Tetrabutyltin (TeBT) [mg/kg]	<5.0	<0.05	<0.05
• Diphenyltin (DPHT) [mg/kg]	<5.0	<0.05	<0.05
• Dioctyltin (DOT) [mg/kg]	<5.0	<0.05	<0.05
• Triphenyltin (TPhT) [mg/kg]	<5.0	<0.05	<0.05
• Trioctyltin (TOT) [mg/kg]	<5.0	<0.05	<0.05
• Dipropyltin (DPT) [mg/kg]	<5.0	<0.05	<0.05
• Tripropyltin (TPT) [mg/kg]	<5.0	<0.05	<0.05
• Tricyclohexyltin (TCT) [mg/kg]	<5.0	<0.05	<0.05



#2	#3
Category	Category
1.2.3 Sizing	1.2.3 Sizing
Agent	Agent
Vector VFS	Vector PT-
-01	01 B

Chlorinated Benzenes & Toluenes ECO PASSPORT by OEKO-TEX® Method 12 [ECP - testing items ECO PASSPORT by OEKO-TEX]	ECO PASSPORT threshold value	#2	#3
No. of tests		1	1
• Chlorobenzene [mg/kg]		<0.05	<0.05
• 2-Chlorotoluene [mg/kg]		<0.01	<0.01
• 3-Chlorotoluene [mg/kg]		<0.10	<0.10
• 4-Chlorotoluene [mg/kg]		<0.10	<0.10
• 1,3-Dichlorobenzene [mg/kg]		<0.10	<0.10
• Benzylchloride [mg/kg]		<0.10	<0.10
• 1,4-Dichlorobenzene [mg/kg]		<0.10	<0.10
• 1,2-Dichlorobenzene [mg/kg]		<0.10	<0.10
• 2,4-Dichlorotoluene [mg/kg]		<0.10	<0.10
• 2,5-/ 2,6-Dichlorotoluene [mg/kg]		<0.10	<0.10
• 1,3,5-Trichlorobenzene [mg/kg]		<0.10	<0.10
• α,α-Dichlorotoluene [mg/kg]		<0.10	<0.10
• 2,3-/ 3,4-Dichlorotoluene [mg/kg]		<0.10	<0.10
• 1,2,4-Trichlorobenzene [mg/kg]		<0.10	<0.10
• 1,2,3-Trichlorobenzene [mg/kg]		<0.10	<0.10
• α,α,α-Trichlorotoluene [mg/kg]		<0.10	<0.10
• 2,4,5-Trichlorotoluene [mg/kg]		<0.10	<0.10
• 2,3,6-Trichlorotoluene [mg/kg]		<0.10	<0.10
• 1,2,3,5-Tetrachlorobenzene [mg/kg]		<0.10	<0.10
• 1,2,4,5-Tetrachlorobenzene [mg/kg]		<0.10	<0.10
• α,2,6-Trichlorotoluene [mg/kg]		<0.10	<0.10
• α,2,4-Trichlorotoluene [mg/kg]		<0.10	<0.10
• 1,2,3,4-Tetrachlorobenzene [mg/kg]		<0.10	<0.10
• α,3,4-Trichlorotoluene [mg/kg]		<0.10	<0.10
• α,α,α,2-Tetrachlorotoluene [mg/kg]		<0.10	<0.10
• Pentachlorobenzene [mg/kg]		<0.10	<0.10
• 2,3,4,5,6-Pentachlorotoluene [mg/kg]		<0.10	<0.10
• Hexachlorobenzene [mg/kg]		<0.10	<0.10
• Sum [mg/kg]	<10	<0.05	<0.05



#1	#3
Category	Category
1.2.3 Sizing	1.2.3 Sizing
Agent	Agent
Vector V-37	Vector PT-01 B

Polycyclic Aromatic Hydrocarbons (PAH) ECO PASSPORT by OEKO-TEX® Method 13 [ECP - testing items ECO PASSPORT by OEKO-TEX]		ECO PASSPORT threshold value	#1	#3
No. of tests			1	1
• Naphthalene	[mg/kg]	<10	<0.10	<0.10
• Acenaphthylene	[mg/kg]		<0.10	<0.10
• Acenaphthene	[mg/kg]		<0.10	<0.10
• Fluorene	[mg/kg]		<0.10	<0.10
• Phenanthrene	[mg/kg]		<0.10	<0.10
• Anthracene	[mg/kg]		<0.10	<0.10
• Fluoranthene	[mg/kg]		<0.10	<0.10
• Pyrene	[mg/kg]		<0.10	<0.10
• 1-Methylpyrene	[mg/kg]		<0.10	<0.10
• Cyclopenta[cd]pyrene	[mg/kg]		<0.10	<0.10
• Benzo[a]anthracene	[mg/kg]	<5.0	<0.10	<0.10
• Chrysene	[mg/kg]	<5.0	<0.10	<0.10
• Benzo[b]fluoranthene	[mg/kg]	<5.0	<0.10	<0.10
• Benzo[k]fluoranthene	[mg/kg]	<5.0	<0.10	<0.10
• Benzo[j]fluoranthene	[mg/kg]	<5.0	<0.10	<0.10
• Benzo[e]pyrene	[mg/kg]	<5.0	<0.10	<0.10
• Benzo[a]pyrene	[mg/kg]	<5.0	<0.10	<0.10
• Dibenzo[ah]anthracene	[mg/kg]	<5.0	<0.10	<0.10
• Indeno[1,2,3-cd]pyrene	[mg/kg]		<0.10	<0.10
• Benzo[ghi]perylene	[mg/kg]		<0.10	<0.10
• Dibénzo[ae]pyrene	[mg/kg]		<0.10	<0.10
• Dibenzo[al]pyrene	[mg/kg]		<0.10	<0.10
• Dibenzo[ai]pyrene	[mg/kg]		<0.10	<0.10
• Dibenzo[ah]pyrene	[mg/kg]		<0.10	<0.10
• Sum	[mg/kg]	<50	<0.01	<0.01



#2 #4
 Category Category
 1.2.3 Sizing 1.2.3 Sizing
 Agent Agent
 Vector VFS Vector CM-
 -01 L

Solvent Residues ECO PASSPORT by OEKO-TEX® Method 14 [ECP - testing items ECO PASSPORT by OEKO-TEX]	ECO PASSPORT threshold value		
No. of tests		1	1
• Benzene [mg/kg]		<0.10	<0.10
• Formamide [%]	<0.02	<0.010	<0.010
• Dimethylformamide (DMF) [%]	<0.05	<0.01	<0.01
• N,N-dimethylacetamide (DMAc) [%]	<0.05	<0.01	<0.01
• N-Methylpyrrolidone (NMP) [%]	<0.05	<0.01	<0.01

#1 #3
 Category Category
 1.2.3 Sizing 1.2.3 Sizing
 Agent Agent
 Vector V-37 Vector PT-
 01 B

Surfactants, Wetting Agent Residues ECO PASSPORT by OEKO-TEX® Method 15 [ECP - testing items ECO PASSPORT by OEKO-TEX]	ECO PASSPORT threshold value		
No. of tests		1	1
• Pentylphenol (PeP) [mg/kg]		<0.1	<0.1
• Heptylphenol (HpP) [mg/kg]		<0.1	<0.1
• Octylphenol (OP) [mg/kg]		<0.1	<0.1
• Nonylphenol (NP) [mg/kg]		<0.1	<0.1
• Sum AP [mg/kg]	<50	<0.1	<0.1
• Octylphenoethoxylate (OPEO) [mg/kg]		<1.0	<1.0
• Nonylphenoethoxylate (NPEO) [mg/kg]		<1.0	<1.0
• Sum AP & APEO [mg/kg]	<250	<0.1	<0.1



#2	#3
Category	Category
1.2.3 Sizing	1.2.3 Sizing
Agent	Agent
Vector VFS	Vector PT-
-01	01 B

VOCs (Volatile Organic Compounds) ECO PASSPORT by OEKO-TEX® Method 19 [ECP - testing items ECO PASSPORT by OEKO-TEX]	ECO PASSPORT threshold value	#2	#3
No. of tests		1	1
• Bis(2-methoxyethyl)ether [mg/kg]	<=50	<1.0	<1.0
• 2-Ethoxyethanol [mg/kg]	<=50	<1.0	<1.0
• 2-Ethoxyethylacetate [mg/kg]	<=50	<1.0	<1.0
• Ethylene glycol dimethyl ether [mg/kg]	<=50	<1.0	<1.0
• 2-Methoxyethanol [mg/kg]	<=50	<1.0	<1.0
• 2-Methoxyethylacetate [mg/kg]	<=50	<1.0	<1.0
• 2-Methoxypropylacetate [mg/kg]	<=50	<1.0	<1.0
• Triethylene glycol dimethyl ether [mg/kg]	<=50	<1.0	<1.0
• 1,1-Dichloroethane [mg/kg]	<=10	<1.0	<1.0
• 1,2-Dichloroethane [mg/kg]	<=5.0	<1.0	<1.0
• Dichloromethane [mg/kg]	<=5.0	<1.0	<1.0
• Tetra(per)chloroethylene [mg/kg]	<=5.0	<1.0	<1.0
• Trichloroethylene [mg/kg]	<=10	<1.0	<1.0
• Benzene [mg/kg]	<=50	<1.0	<1.0
• Xylene (all isomers) [mg/kg]	<=100	<1.0	<1.0
• o-Cresol [mg/kg]	<=100	<1.0	<1.0
• Chloroform [mg/kg]	<=10	<1.0	<1.0
• Tetrachloromethane [mg/kg]	<=10	<1.0	<1.0
• 1,1,1-Trichloroethane [mg/kg]	<=10	<1.0	<1.0
• 1,1,2-Trichloroethane [mg/kg]	<=10	<1.0	<1.0
• 1,1,1,2-Tetrachloroethane [mg/kg]	<=10	<1.0	<1.0
• 1,1,2,2-Tetrachloroethane [mg/kg]	<=10	<1.0	<1.0
• Pentachloroethane [mg/kg]	<=10	<1.0	<1.0
• 1,1-Dichloroethylene [mg/kg]	<=10	<1.0	<1.0
• 1,2-Dichloroethylene [mg/kg]	<=10	<1.0	<1.0
• Methyl ethyl ketone [mg/kg]	<=100	<1.0	<1.0
• Ethylbenzene [mg/kg]	<=100	<1.0	<1.0
• Cyclohexanone [mg/kg]	<=100	<1.0	<1.0
• 1,2,3-Trichloropropane [mg/kg]	<=100	<1.0	<1.0
• Acetophenone [mg/kg]	<=100	<1.0	<1.0
• 2-Phenyl-2-propanol [mg/kg]	<=100	<1.0	<1.0
• Styrene [mg/kg]	<=100	<1.0	<1.0
• Toluene [mg/kg]	<=100	<1.0	<1.0
• p+m-Cresol [mg/kg]	<=100	<1.0	<1.0

Zurich, 29.04.2019