MNA LABORATORY
ANALYSIS REPORT

Test
TS EN ISO/IEC 17025
AB-1183-T

AB-1183-T
M-2026-0761
08-26

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Purpose of Analysis	: Special request
Sample Send Org.	: BİMEL İTHALAT İHRACAT VE TİCARET ANONİM ŞİRKETİ
Address	: İkitelli OSB, Atatürk Bulvarı Deposite İş Merkezi A1 Blok Kat 2 204/G-H-I PK:34490, Başakşehir/İstanbul/Türkiye
Sample Acceptance Date	: 2026-08-11 14:26:43
Analysis Date	: 2026-08-11 15:20:00
Sample Quantity	: 100 Pieces
Sample Description	: COREMED, COREFOOD NİTRİL
Other informations	:

Tests	Method	Expected performance level	Evaluation
Determination of Resistance to Degradation by Chemicals	**TS EN 374-4:2019**		**-**
Determination of Resistance to Penetration (Water Leak Test)	**EN ISO 374-2:2019 Part 6.2**		**PASS**
Determination of Resistance to Penetration (Air Leak Test)	**EN ISO 374-2:2019 Part 6.1**		**PASS**
Textile-Determination of pH	**TS EN ISO 3071:2020**		**PASS**
Protective Gloves - The Determination of Dimethylformamide in Gloves	**En 16778:2016**		**PASS**
Determination of Gloved Finger Dexterity	**TS EN ISO 21420/A1:2024 Part 6.2**		**Performance Level:5**
Measurement of Glove Length	**TS EN ISO 21420/A1:2024 Part 6.1**		**-**
Permeation by Liquid Chemical Under Conditions of Continuous Contact	**TS EN 16523-1+A1:2018**		**Performance Level:1**
Penetration By Blood-Borne Pathogens (Phi-X174 Bacteriophage)	**BS ISO 16604:2004**		**PASS**

Determination of Resistance to Degradation by Chemicals *

Device: Tensile Testing Machine

Measurement uncertainty:±-

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Determination of	**Check the table.**	**Parçalanma**	**TS EN 374-4:2019**	**-**	**-**

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Resistance to Degradation by Chemicals		**görülmemeli. / Perforation should not be observe.**			

Chemical name/Kimyasal	**%40 NaOH**
Determine the degradation 1	**-0,84**
Determine the degradation 2	**-11,21**
Determine the degradation 3	**6,06**
Determine the degradation average	**-2,00**
Standard deviation/ Standart sapma	**7,10**

Determination of Resistance to Penetration (Water Leak Test) *

Device: Water Leak Test Machine

Measurement uncertainty:±

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Determination of Resistance to Penetration (Water Leak Test)	**Check the table.**	**No leak to be detected.**	**EN ISO 374-2:2019 Part 6.2**	**PASS**	**-**

	Sample / Numune
Results/Sonuç	**No leakage.**

Determination of Resistance to Penetration (Air Leak Test) *

Device: Air Leak Test Machine

Measurement uncertainty:-

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Determination of Resistance to Penetration (Air Leak Test)	**Check the table.**	**No leak to be detected.**	**EN ISO 374-2:2019 Part 6.1**	**PASS**	**-**

	Sample
Result	**No leakage in 2,5 kPa**

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Textile-Determination of pH *

Device: pH meter
Extraction solution: 0,1 mol/L KCl ,Measurement uncertainty:±0,055

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Textile-Determination of pH	Check the table.	3.5 < Result/Sonuç < 9.5 (EN ISO 21420 / EN ISO 13688)	TS EN ISO 3071:2020	PASS	-

Part of Sample/ Numune kısımları	pH	Temperature / Sıcaklık (°C)
Measurement of the extraction solution/ Çözelti	5,9	20,6
Glove	7,6	20,6

Protective Gloves - The Determination of Dimethylformamide in Gloves

Device: GC-MS

Measurement uncertainty:±0,060

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Protective Gloves - The Determination of Dimethylformamide in Gloves	Check the table.	<1000 ppm	En 16778:2016	PASS	-

Sample	ppm
Glove	<10

Determination of Gloved Finger Dexterity *

Device: Finger Dexterity pins

Measurement uncertainty:-

Conditioning: 24 h at 23 ± 2 °C and 50 ± 5 % relative humidity

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Determination of Gloved Finger Dexterity	5 mm (Size:S,M,L,XL)	Level 1: 11 mm / Level 2: 9,5 mm / Level 3: 8 mm / Level 4: 6,5 mm / Level 5: 5 mm	TS EN ISO 21420/A1:2024 Part 6.2	Performance Level:5	-

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Measurement of Glove Length *

Device: Ruler

Measurement uncertainty: Glove Length:±0,0285, Hand Length:±0,0318, Circumference of the Glove:±0,0295

Conditioning: 24 h at 23 ± 2 °C and 50 ± 5 % relative humidity

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Measurement of Glove Length	Check the table.	~	TS EN ISO 21420/A1:2024 Part 6.1	-	-

Size / Beden (If present / Belirtilmişse)	Glove length/ Eldiven uzunluğu (mm)	Hand length/ El uzunluğu (mm)	Hand circumference/ El çevresi (mm)
S	246	175	168
M	256	185	200
L	245	190	220
XL	265	190	224

Permeation by Liquid Chemical Under Conditions of Continuous Contact *

Detection technique:

GC-MS for Methanol (Cas no 67-56-1), Acetone (Cas no 67-64-1) and n-Heptane (Cas no 142-82-5) HPLC for Formaldehyde %37 (Cas no 50-00-0), pH meter for Sodium hydroxide 40% (Cas no 1310-73-2), Sulphuric acid 96% (Cas no 7664-93-9), Nitric acid 65% (Cas no 7697-37-2), Acetic acid 99% (Cas no 64-19-7), Ammonium hydroxide (1336-21-6)

Measurement uncertainty:±0,35

Normalised permeation rate: 1 ug.cm-2.min-1

Minimum detectable permeation rate: 1 ug.cm-2.min-1

Loop system: Open loop for Methanol, Acetone, n-Heptane, Close loop for Sodium hydroxide 40 %, Sulphuric acid 96 %, Nitric acid 65 %, Acetic acid 99 %, Formaldehyde 37 %, Ammonium hydroxide 25%

Collecting medium: Water grade 3 according to EN ISO 3696 for Closed loop, Dry air for Open loop

Flow rate: (5 ± 0,5) volume changes per minute

Periodic measurement for the close loop, continuous measurement for the open loop

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Permeation by Liquid Chemical Under Conditions of Continuous Contact	Check the table.	Level 1: > 10 min / Level 2: > 30min ≤ 60min / Level 3: > 60 min ≤ 120 min / Level 4: > 120 min ≤ 240 min / Level 5: > 240 min ≤ 480 min / Level	TS EN 16523-1+A1:2018	Performance Level:1	-

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		6: > 480 min			

Results/Sonuçlar	**NBT (% 40 NaOH)**
Sample / Numune 1	**No leaks were detected for 10 minutes.**
Sample / Numune 2	**No leaks were detected for 10 minutes.**
Sample / Numune 3	**No leaks were detected for 10 minutes.**

Penetration By Blood-Borne Pathogens (Phi-X174 Bacteriophage)

Device: Bacteriophage Testing Machine

Mircoorganisms: Phi-X174 bacteriophage

Test specimen: Material

Measurement uncertainty:±0,128

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Penetration By Blood-Borne Pathogens (Phi-X174 Bacteriophage)	**Check the table.**	**See the limits table.**	**BS ISO 16604:2004**	**PASS**	**-**

Limits	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	EN 374-5
	0 kPa	**1,75 kPa**	**3,5 kPa**	**7 kPa**	**14 kPa**	**20 kPa**	**14 kPa**

	PFU/ml
Sample 1	**0 (14 kPa)**
Sample 2	**0 (14 kPa)**
Sample 3	**0 (14 kPa)**

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***The analysis is within the scope of accreditation.**

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3. Unsigned and Unsealed reports are invalid.
4. Results are valid for the sample received.
5. The decision rule is the rule that determines how measurement uncertainty is taken into account when specifying compliance with an established specification. The customer may choose to apply and/or not apply the decision rule (except in cases where legislation/standards are mandatory). If the customer prefers to apply the decision rule; According to the TLM-052 Decision Rule Application instruction published on the www.mnalab.com website, the decision rule selected in agreement is applied and reported by stating the relevant analysis and decision rule method in the "Note" section. If the customer leaves the decision rule application to the laboratory's evaluation, MNA LABORATORIES applies the simple decision rule.
6. Limit Values are determined by taking from analysis methods.
7. The laboratory is not responsible if the information provided by the CUSTOMER affects the validity of the results.
8. Test and / or measurement results, expanded measurement uncertainties (if any) and test methods are given in the following pages, which are the supplementary part of this certificate.
9. The TÜRKAK Accreditation Mark belonging to our laboratory cannot be used without authorization by customers, subcontractors or any third party.
10. The expected performance level section stated in the report is taken from the information declared on the product or its label.
The witness sample was not received.

Erhan Üstünel
Central Laboratory Responsible
2026-08-19 08:34:26

Berke Çağatay
Sample Acceptance and Reporting Officer
2026-08-19 08:37:07

Berkecan DOĞRUSOY
D. Laboratory Manager
2026-08-19 08:34:58

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