MNA LABORATUVARLARI
Notify Body No: 2841

AB Tip İnceleme Sertifikası
EU Type-Examination Certificate

Belge No / *Certificate No*	**:** 60031140
Belgelendirme Tarihi - Bir Sonraki Belge Tarihi / *Certification Date / Certificate Validity Date*	**:** 15.03.2024-27.09.2026
Belge Geçerlilik Tarihi / *Document Validity Period*	**:** 5 yıl / *5 years*
Firma Unvanı ve Adresi / *Company Name and Address*	**:** JEDX MEDCARE Köysikuja 1, 01640 Vantaa, FINLAND
Marka /Modeller / *Brand / Models*	**:** JedX 3614 W FT HLV(White), JedX MIL 5326 FT HLV(Khaki) JedX 3614 W FT HLPV (White)
Direktifi / *Directive*	**:** 2016/425 REGULATION
Modülü/Kategori / *Module / Category*	**:** B MODÜLÜ/ KATEGORİ III *MODULE B / CATEGORY III*
Teknik Değerlendirme Rapor No/ *Technical Evaluation Report No*	**:** MNA 60031140

Ürün Tipi / *Product Type:*

- EN 149:2001+ A1:2009 Solunumla ilgili koruyucu cihazlar - Parçacıklara karşı koruma amaçlı filtreli yarım maskeler/ *Respiratory protective devices - Filtering half masks to protect against particles*

Ürünün Malzeme Bilgisi / *Product Material Information*: JedX 3614 W FT HLV(White), JedX MIL 5326 FT HLV(Khaki), JedX 3614 W FT HLPV (White) model ürünleri kumaş, elastik kayış, soluk verme valfi, burun klipsi ve filtre katmanı kullanılarak imal edilmiştir./ *JedX 3614 W FT HLV(White), JedX MIL 5326 FT HLV(Khaki), JedX 3614 W FT HLPV (White) model products are manufactured using fabric, elastic strap, nose clip, exhalation valve and filter layer.*

Revizyon nedeni/ *Reason for revision:* Sertifikaya farklı valf görseli eklemesi yapılmıştır. / *Different valve image has been added to the certificate..*

Karar Verici / Approver

Digitally signed by VOLKAN AKIN
Date: 2024.03.15 11:45:16 +03'00'

Şirket Müdürü / General Manager

Digitally signed by OKAN AKEL
Date: 2024.03.15 14:08:42 +03'00'

Notified Body Number: 2841

ATTACHMENTS (60031140)

To certify the PPE product at Category III level, C2 or D module is accompanied by applying one of the conformity assessment methods along with the EU Type Examination (Module B).

Model : JedX 3614 W FT HLV(White), JedX MIL 5326 FT HLV(Khaki), JedX 3614 W FT HLPV (White)

PPE SPECIFICATION	PERFORMANCE LEVELS
Classification	FFP2
Reusable / Single Shift Use	NR

PPE produced as a single unit to fit an individual user, all the necessary instructions for manufacturing such PPE on the basis of the approved basic model:

MARKING

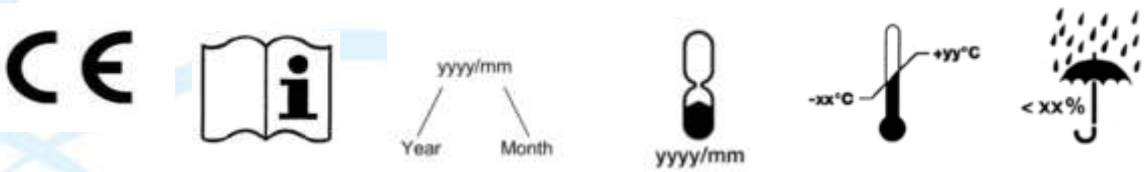
MANUFACTURER: JEDX MEDCARE

PPE TYPE:

- EN 149:2001+ A1:2009 Respiratory protective devices - Filtering half masks to protect against particles

MODEL: JedX 3614 W FT HLV(White), JedX MIL 5326 FT HLV(Khaki), JedX 3614 W FT HLPV (White)
PRODUCT SIZE: Standard
PICTOGRAM AND PERFORMANCE LEVELS:

EN 149:2001+ A1:2009 FFP2 NR



2841

Or Condition of Storage

MNA LABORATORIES SAN. TIC. LTD. ŞTİ declares that the above-mentioned product meets the requirements of the directive according to the EU Directive 2016/425, the safety of the product is covered by the conditions and use specified in this certificate and in the technical file.

ATTACHMENTS (60031140)

PRODUCT PICTURES

JedX 3614 W FT HLV(White),

JedX 3614 W FT HLPV (White)

JedX MIL 5326 FT HLV(Khaki)

DOCUMENTS IN THE TECHNICAL FILE

- Test Reports
- Technical Report

Report No :60031140

Report Date :15.03.2024

Application No :60031140

1. **COMPANY INFORMATION:**
   JEDX MEDCARE
   Köysikuja 1, 01640 Vantaa, FINLAND

2. **PPE INFORMATION:**
   Disposable and non-sterile half mask made of particulate protection filter material.

3. **PPE TYPE IDENTIFICATION**
   EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles - Requirements, testing, marking

4. **PPE PICTURES**

JedX 3614 W FT HLV(White)

JedX 3614 W FT HLPV (White)

JedX MIL 5326 FT HLV(Khaki)

5. PPE DIMENSIONS:

JedX 3614 W FT HLV(White), JedX MIL 5326 FT HLV(Khaki), JedX 3614 W FT HLPV (White) model has been found to be produced using standard size.

6. PPE PRODUCT MATERIAL INFORMATION:

The product is made of elastic strap, exhalation valve, nonwoven fabric on the outer and inner layers and filter material on the middle layer.

7. ESSENTIAL HEALTH AND SAFETY REQUIREMENTS

- A visual inspection was made according to EN 149:2001 +A1:2009 for ergonomics.
- Protection levels and degrees are defined by the manufacturer.
- Suitable construction materials were determined by visual inspection according to EN 149:2001 +A1:2009.

8. ANALYSIS EVALUATION AND MARKING:

EN 149:2001 +A1:2009

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.3 Visual inspection	Shall also the marking and the information supplied by the manufacturer				Appropriate	-	PASS
Banned Azo Dyes	< 30 mg/kg				<5 mg/kg	-	PASS
Part 7.4 Packaging	Particle filtering half mask shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.				Appropriate	-	PASS
Part 7.5 Material	When conditioned in accordance 8.3.1 & 8.3.2 the particle filter half mask shall not collapse.				Appropriate	-	PASS
Part 7.6 Cleaning and disinfecting	After cleaning and disinfecting the re-usable particle filtering half mask shall satisfy the penetration requirement of the relevant class.				Not applicable	-	Not applicable
Part 7.7 Practical performance	No negative comments should be made by the test subject regarding any of the criteria evaluated.				Appropriate	-	PASS
Part 7.8 Finish of parts	Parts of the device likely to come into contact with the wearer shall have no sharp edge or burrs.				Appropriate	-	PASS

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.9.1 Total inward leakage	At least 46 out of the 50 individual exercise result	≤25	≤11	≤5	See the table below	FFP2	PASS
	At least 8 out of the 10 individual wearer arithmetic means	≤22	≤8	≤2	See the table below	FFP2	PASS

Total Inward Leakage (%)						
	Exercise 1	Exercise 2	Exercise 3	Exercise 4	Exercise 5	Average
Subject 1 (As received)	6,4	5,4	4,6	6,6	4,9	5,6
Subject 2 (As received)	6,1	4,4	4,2	4,9	4,8	4,9
Subject 3 (As received)	4,4	4,6	4,6	4,5	4,3	4,5
Subject 4 (As received)	4,3	4,3	4,4	3,9	4,0	4,2
Subject 5 (As received)	5,5	6,7	6,1	3,8	5,6	5,5
Subject 6 (After temperature conditioning)	4,0	4,0	4,2	4,0	4,1	4,1
Subject 7 (After temperature conditioning)	5,8	6,0	5,7	4,7	5,6	5,6
Subject 8 (After temperature conditioning)	4,9	5,5	5,0	4,8	5,3	5,1
Subject 9 (After temperature conditioning)	4,3	4,3	4,4	4,2	4,0	4,2
Subject 10 (After temperature conditioning)	4,7	4,1	4,4	3,8	4,6	4,3

Subject facial dimensions

Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)
1	133	132	132	65
2	125	144	116	67
3	126	135	124	75
4	123	133	134	74
5	117	135	122	73
6	122	142	133	66
7	113	132	114	75
8	135	123	123	65
9	122	135	133	74
10	135	142	125	83

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.9.2 Penetration of filter material	Sodium chloride, 95 L/min %, max	% 20	% 6	% 1	See the table below	FFP2	PASS
	Paraffin oil, 95 L/min %, max	% 20	% 6	% 1	See the table below	FFP2	PASS

Penetration of filter material	Sodium Chloride (%)	Paraffin Oil (%)
As received	0,7	0,6
As received	0,6	0,6
As received	1,0	0,8
After the simulated wearing treatment	1,1	0,8
After the simulated wearing treatment	1,0	1,1
After the simulated wearing treatment	0,8	0,7
Mechanical strength and temperature conditioning (120 mg)	1,4	1,5
Mechanical strength and temperature conditioning (120 mg)	1,3	1,7
Mechanical strength and temperature conditioning (120 mg)	1,3	1,7

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.10 Compatibility with skin	Materials shall not be known to be likely to cause irritation or any other adverse effect to health				Appropriate	-	PASS
Part 7.11 Flammibility	Mask shall not burn or not to continue to burn for more than 5 s				Flame not seen	-	PASS
Part 7.12 Carbondioxide content of the inhalation air	Shall not exceed an average of % 1				0,71 0,72 0,69	-	PASS
Part 7.13 Head harness	It can be donned and removed easily				Appropriate	-	PASS
Part 7.14 Field of vision	The field of vision shall acceptable in practical performance test.				Appropriate	-	PASS
Part 7.15 Exhalation valve(s)	It shall withstand axially a tensile force of 10 N apply for 10 s. If fitted, shall continue to operate correctly after a continuous exhalation flow of 300 L/min over a period of 30 s.				Appropriate	-	PASS

TESTS	PARAMETER	PERFORMANCE LEVELS			RESULTS	PERFORMANCE LEVELS	EVALUATION
		FFP1	FFP2	FFP3			
Part 7.16 Breathing Resistance	Inhalation 30L/min	0,6 mbar	0,7 mbar	1,0 mbar	See the table below	FFP2	PASS
	Inhalation 95L/min	2,1 mbar	2,4 mbar	3,0 mbar	See the table below	FFP2	PASS
	Exhalation 160L/min	3,0 mbar	3,0 mbar	3,0 mbar	See the table below	FFP2	PASS

Breathing Resistance (mbar)	Inhalation 30L/min	Inhalation 95L/min
As received	0,3	1,2
As received	0,4	1,1
As received	0,3	1,1
After temperature conditioning	0,3	1,2
After temperature conditioning	0,3	1,1
After temperature conditioning	0,3	1,1
After the simulated wearing treatment	0,3	1,1
After the simulated wearing treatment	0,3	1,1
After the simulated wearing treatment	0,3	1,2
After the flow conditioning	0,3	1,1
After the flow conditioning	0,3	1,1
After the flow conditioning	0,3	1,2

Breathing Resistance 160L/min (mbar)	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side
As received	2,0	1,9	2,0	1,9	1,9
As received	2,0	1,9	1,9	1,9	2,0
As received	1,9	1,9	2,0	2,0	1,9
After temperature conditioning	1,9	1,9	2,0	1,9	1,9
After temperature conditioning	2,0	2,0	1,9	1,9	2,0
After temperature conditioning	1,9	1,9	2,0	2,0	2,0

After the simulated wearing treatment	2,0	1,9	2,0	1,9	1,9
After the simulated wearing treatment	2,0	1,9	1,9	1,9	2,0
After the simulated wearing treatment	1,9	2,0	1,9	1,9	2,0
After the flow conditioning	2,0	1,9	2,0	1,9	2,0
After the flow conditioning	1,9	1,9	1,9	1,9	2,0
After the flow conditioning	1,9	1,9	1,9	2,0	1,9

TESTS	**PARAMETER**	**PERFORMANCE LEVELS**			**RESULTS**	**PERFORMANCE LEVELS**	**EVALUATION**
		FFP 1	**FFP 2**	**FFP3**			
Part 7.17 Clogging	After clogging the inhalation resistances shall not exceed. (valved)	4 mbar	5 mbar	7 mbar	Not applicable	-	Not applicable
	The exhalation resistance shall not exceed 3 mbar at 160 L/ min continuous flow. (valved)				Not applicable	-	Not applicable
	After clogging the inhalation and exhalation resistances shall not exceed. (valveless)	3 mbar	4 mbar	5 mbar	Not applicable	-	Not applicable
Part 7.18 Demountable part	All demountable parts (if fitted) shall be readily connected and secured were possible by hand.				Not applicable	-	Not applicable
Part 9 Marking	The packaging information shall be clearly and durably marked on the smallest commercially available packaging or legible through it if the packaging is transparent.				Appropriate	-	PASS

9. ATTACHMENTS

- Test Report (M-2021-01466, M-2022-00014, M-2024-0265)

Reason for Revision : Different valve image has been added to the certificate..

CONTROLLER :
SIGNATURE : Digitally signed by VOLKAN AKIN
DATE : Date: 2024.03.15 11:44:37 +03'00'

MNA LABORATORIES
TEST REPORT

Report No: M-2021-01466	Date: 24.09.2021	Page 1 of 4	Rev:

Purpose of Analysis	: SPECIAL REQUEST	**Brand**	:
Sample Type	: PROTECTIVE MASK	**Model**	: JedX 3614 W FT HLV
Sample Send Org.	: JEDX MEDCARE	**Sampler**	: CUSTOMER
Manufacturer Name	: JEDX MEDCARE		
Analysis Date	: 16.09.2021		
Sample Quantity	: 100 pieces		
Other informations	:		

TESTS	LIMIT	RESULTS
EN 149+ A1 Part 7.9.1 **Total inward leakage**	At least 46 out of the 50 individual exercise result: FFP1<25 FFP2<11 FFP3<5 At least 8 out of the 10 individual wearer arithmetic means: FFP1<22 FFP2<8 FFP3<2	See below table

Total Inward Leakage (%)
EN 149+ A1 Part 7.9.1

	Exercise 1	Exercise 2	Exercise 3	Exercise 4	Exercise 5	Average
Subject 1 (As received)	6,4	5,4	4,6	6,6	4,9	5,6
Subject 2 (As received)	6,1	4,4	4,2	4,9	4,8	4,9
Subject 3 (As received)	4,4	4,6	4,6	4,5	4,3	4,5
Subject 4 (As received)	4,3	4,3	4,4	3,9	4,0	4,2
Subject 5 (As received)	5,5	6,7	6,1	3,8	5,6	5,5
Subject 6 (After temperature conditioning)	4,0	4,0	4,2	4,0	4,1	4,1
Subject 7 (After temperature conditioning)	5,8	6,0	5,7	4,7	5,6	5,6
Subject 8 (After temperature conditioning)	4,9	5,5	5,0	4,8	5,3	5,1
Subject 9 (After temperature conditioning)	4,3	4,3	4,4	4,2	4,0	4,2
Subject 10 (After temperature conditioning)	4,7	4,1	4,4	3,8	4,6	4,3

Subject facial dimensions

Subject	Face Length (mm)	Face Width (mm)	Face Depth (mm)	Mouth Width (mm)
1	133	132	132	65
2	125	144	116	67
3	126	135	124	75
4	123	133	134	74
5	117	135	122	73
6	122	142	133	66
7	113	132	114	75
8	135	123	123	65
9	122	135	133	74
10	135	142	125	83

Küçükbakkalköy Mahallesi Yenidogan Caddesi No: 21 Atasehir İstanbul
info@mnalab.com tel: 02165740708 faks: 02165751331

MNA LABORATORIES
TEST REPORT

Report No: M-2021-01466	Date: 24.09.2021	Page 2 of 4	Rev:

Purpose of Analysis	: SPECIAL REQUEST	**Brand**	:
Sample Type	: PROTECTIVE MASK	**Model**	: JedX 3614 W FT HLV
Sample Send Org.	: JEDX MEDCARE	**Sampler**	: CUSTOMER
Manufacturer Name	: JEDX MEDCARE		
Analysis Date	: 16.09.2021		
Sample Quantity	: 100 pieces		
Other informations	:		

TESTS	LIMIT	RESULTS
EN 149+ A1 Part 7.9.2 Penetration of filter material	Sodium chloride, 95 L/min% FFP1≤20 FFP2≤6 FFP3≤1 Paraffin oil, 95 L/min% FFP1≤20 FFP2≤6 FFP3≤1	See below table

Penetration of filter material EN 149+ A1 Part 7.9.2	**Sodium Chloride (%)**	**Paraffin Oil (%)**
As received	0,7	0,6
As received	0,6	0,6
As received	1,0	0,8
After the simulated wearing treatment	1,1	0,8
After the simulated wearing treatment	1,0	1,1
After the simulated wearing treatment	0,8	0,7
Mechanical strength and temperature conditioning (120 mg)	1,4	1,5
Mechanical strength and temperature conditioning (120 mg)	1,3	1,7
Mechanical strength and temperature conditioning (120 mg)	1,3	1,7

TESTS	LIMIT	RESULTS
EN 149+ A1 Part 7.11 Flammibility	Mask shall not burn or not to continue to burn for more than 5 s	Flame not seen
EN 149+ A1 Part 7.12 Carbondioxide content of the inhalation air	Shall not exceed an average of % 1	0,71 0,72 0,69
EN 149+ A1 Part 7.16 Breathing Resistance	Inhalation 30L/min FFP1≤0,6mbar FFP2≤0,7mbar FFP3≤1,0mbar Inhalation 95L/min FFP1≤2,1mbar FFP2≤2,4mbar FFP3≤3,0mbar Exhalation 160L/min FFP1≤3,0mbar FFP2≤3,0mbar FFP3≤3,0mbar	See below table

EN 149+ A1 Part 7.16 Breathing Resistance (mbar)	**Inhalation 30L/min (mbar)**	**Inhalation 95L/min (mbar)**
As received	0,5	1,7
As received	0,5	1,7
As received	0,4	1,7
After temperature conditioning	0,5	1,6
After temperature conditioning	0,5	1,7
After temperature conditioning	0,4	1,6
After the simulated wearing treatment	0,4	1,7
After the simulated wearing treatment	0,5	1,6
After the simulated wearing treatment	0,5	1,7
After the flow conditioning	-	-
After the flow conditioning	-	-
After the flow conditioning	-	-

Küçükbakkalköy Mahallesi Yenidogan Caddesi No: 21 Atasehir İstanbul
info@mnalab.com tel: 02165740708 faks: 02165751331

MNA LABORATORIES
TEST REPORT

Report No: M-2021-01466	Date: 24.09.2021	Page 3 of 4	Rev:

Purpose of Analysis	: SPECIAL REQUEST	**Brand**	:
Sample Type	: PROTECTIVE MASK	**Model**	: JedX 3614 W FT HLV
Sample Send Org.	: JEDX MEDCARE	**Sampler**	: CUSTOMER
Manufacturer Name	: JEDX MEDCARE		
Analysis Date	: 16.09.2021		
Sample Quantity	: 100 pieces		
Other informations	:		

Breathing Resistance 160L/min (mbar) EN 149+ A1 Part 7.16	**Facing directly ahead**	**Facing vertically upwards**	**Facing vertically downwards**	**Lying on the left side**	**Lying on the right side**
As received	1,9	1,9	1,8	1,8	1,9
As received	1,8	1,9	1,8	1,9	1,9
As received	1,8	1,9	1,9	1,8	1,8
After temperature conditioning	1,8	1,9	1,9	1,9	1,8
After temperature conditioning	1,9	1,8	1,8	1,9	1,9
After temperature conditioning	1,9	1,8	1,9	1,9	1,9
After the simulated wearing treatment	1,9	1,9	1,9	1,8	1,9
After the simulated wearing treatment	1,9	1,8	1,9	1,8	1,8
After the simulated wearing treatment	1,9	1,8	1,9	1,8	1,9
After the flow conditioning	-	-	-	-	-
After the flow conditioning	-	-	-	-	-
After the flow conditioning	-	-	-	-	-

Küçükbakkalköy Mahallesi Yenidogan Caddesi No: 21 Atasehir İstanbul
info@mnalab.com tel: 02165740708 faks: 02165751331

MNA LABORATORIES
TEST REPORT

Report No: M-2021-01466	Date: 24.09.2021	Page 4 of 4	Rev:

Purpose of Analysis	: SPECIAL REQUEST	**Brand**	:
Sample Type	: PROTECTIVE MASK	**Model**	: JedX 3614 W FT HLV
Sample Send Org.	: JEDX MEDCARE	**Sampler**	: CUSTOMER
Manufacturer Name	: JEDX MEDCARE		
Analysis Date	: 16.09.2021		
Sample Quantity	: 100 pieces		
Other informations	:		

Operating as an experimental laboratory, MNA Laboratories have been accredited by TURKAK with AB-1183-T and TS_EN_ISO / IEC_17025: 2017 standard. Turkish Accreditation Agency (TÜRKAK) signed a multilateral agreement with the European Accreditation Association (EA) on the recognition of test reports and a mutual recognition agreement with the International Laboratory Accreditation Association (ILAC).
*** Analysis is under accreditation.**

Note :

1. No part of this analysis report can be used alone or separately, and may not be partially copied or reproduced, used to third parties and as a means of advertising without the written permission of the laboratory.
2. Analysis results are valid for the above mentioned sample sent by MNA Laboratory company / institution / person. It may not represent the whole.
3. Unsigned and unsealed reports are invalid.
4. This analysis report cannot be used in judicial-administrative procedures and for advertising purposes.
5. Results are valid for the sample as received.
6. The decision rule is the rule that determines how measurement uncertainty is taken into account when specifying the PASS density to a specified specification. According to the TLM-052 Decision Rule Implementation instruction, the Decision Rule Implementation Method selected in agreement with CUSTOMER is clearly stated in the report.
7. Limit Values are determined by taking from analysis methods.
8. The laboratory is not responsible if the information provided by the CUSTOMER affects the validity of the results.
9. Test and / or measurement results, expanded measurement uncertainties (if any) and test methods are given in the following pa ges, which are the supplementary part of this certificate.
10. Water Repellency Determination Hydrostatic Pressure Determination TS ISO 811 (Hydrostatic Pressure Tester E / N: 53) Analysis, Seam Strength EN ISO 13965-2 (Strength Test Device E / N: 50) Analysis and resistance to liquid chemical permeation TS EN 659 - A1 Part 3.18 (Liquid Chemical Transfer Device E / N: 107) Analysis is carried out in the conditioning room and ISO 139 PART 3.2 conditions (23 ± 2 ° C temperature and 50 ± 4% relative humidity) are applied for ambient conditions.
11. List of phthalates analyzed is below.
Di-iso-nonyl phthalate (DINP), CAS number: 28553-12-0 or 68515-48-0
Di- (2-ethylhexyl) phthalate (DEHP), CAS number: 117-81-7
Di-n-octyl phthalate (DNOP), CAS number: 117-84-0
Di-iso-decyl phthalate (DIDP), CAS number: 26761-40-0 or 68515-49-1
Butyl benzyl phthalate (BBP), CAS number: 85-68-7
Di-butyl phthalate (DBP), CAS number: 84-74-2

Selin GERGİN
Sampling and Reporting Officer

Erhan ÜSTÜNEL
PPE Laboratory Responsible

Confirmed
29.04.2021
Volkan AKIN
Laboratory Manager

Küçükbakkalköy Mahallesi Yenidogan Caddesi No: 21 Atasehir İstanbul
info@mnalab.com tel: 02165740708 faks: 02165751331

MNA LABORATORIES
TEST REPORT

Report No: M-2022-00014	Date: 18.01.2022	Page: 1 / 2	Rev:

Purpose of Analysis	: SPECIAL REQUEST	**Brand**	: JEDX
Sample Type	: MASK	**Model**	: 3614 MFT HLV FFP2 VALVE
Sample Send Org.	: JEDX MEDCARE	**Sampler**	: COSTUMER
Manufacturer Name	: JEDX MEDCARE		
Analysis Date	: 05.01.2022		
Sample Quantity	: 100 pieces		
Other informations	:		

No	Tests	Results	Limit Value	Method	Evaluation	Physical Condition
1	DETERMINATION OF BANNED AZO DYES	< 5 (mg/kg)	30 ppm	TS EN ISO 14362-1+ TS EN ISO 17234-1	PASS	

SAMPLE PLACE

1. Line Sample :Brown fabric

Küçükbakkalköy Mahallesi Yenidogan Caddesi No: 21 Atasehir İstanbul
info@mnalab.com tel: 02165740708 faks: 02165751331

MNA LABORATORIES
TEST REPORT

Report No: M-2022-00014	Date: 18.01.2022	Page: 2 / 2	Rev:

Purpose of Analysis	:	SPECIAL REQUEST	**Brand**	:	JEDX
Sample Type	:	MASK	**Model**	:	3614 MFT HLV FFP2 VALVE
Sample Send Org.	:	JEDX MEDCARE	**Sampler**	:	COSTUMER
Manufacturer Name	:	JEDX MEDCARE			
Analysis Date	:	05.01.2022			
Sample Quantity	:	100 pieces			
Other informations	:				

Operating as an experimental laboratory, MNA Laboratories have been accredited by TURKAK with AB-1183-T and TS_EN_ISO / IEC_17025: 2017 standard. Turkish Accreditation Agency (TÜRKAK) signed a multilateral agreement with the European Accreditation Association (EA) on the recognition of test reports and a mutual recognition agreement with the International Laboratory Accreditation Association (ILAC).
*** Analysis is under accreditation.**

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3. Unsigned and unsealed reports are invalid.
4. This analysis report cannot be used in judicial-administrative procedures and for advertising purposes.
5. Results are valid for the sample as received.
6. The decision rule is the rule that determines how measurement uncertainty is taken into account when specifying the PASS density to a specified specification. According to the TLM-052 Decision Rule Implementation instruction, the Decision Rule Implementation Method selected in agreement with CUSTOMER is clearly stated in the report.
7. Limit Values are determined by taking from analysis methods.
8. The laboratory is not responsible if the information provided by the CUSTOMER affects the validity of the results.
9. Test and / or measurement results, expanded measurement uncertainties (if any) and test methods are given in the following pa ges, which are the supplementary part of this certificate.
10. Water Repellency Determination Hydrostatic Pressure Determination TS ISO 811 (Hydrostatic Pressure Tester E / N: 53) Analysis, Seam Strength EN ISO 13965-2 (Strength Test Device E / N: 50) Analysis and resistance to liquid chemical permeation TS EN 659 - A1 Part 3.18 (Liquid Chemical Transfer Device E / N: 107) Analysis is carried out in the conditioning room and ISO 139 PART 3.2 conditions (23 ± 2 ° C temperature and 50 ± 4% relative humidity) are applied for ambient conditions.
11. List of phthalates analyzed is below.
Di-iso-nonyl phthalate (DINP), CAS number: 28553-12-0 or 68515-48-0
Di- (2-ethylhexyl) phthalate (DEHP), CAS number: 117-81-7
Di-n-octyl phthalate (DNOP), CAS number: 117-84-0
Di-iso-decyl phthalate (DIDP), CAS number: 26761-40-0 or 68515-49-1
Butyl benzyl phthalate (BBP), CAS number: 85-68-7
Di-butyl phthalate (DBP), CAS number: 84-74-2

Selin GERGİN
Sampling and Reporting Officer

Erhan ÜSTÜNEL
PPE Laboratory Responsible

Confirmed
18.01.2022
Volkan AKIN
Laboratory Manager

Küçükbakkalköy Mahallesi Yenidogan Caddesi No: 21 Atasehir İstanbul
info@mnalab.com tel: 02165740708 faks: 02165751331

MNA LABORATORY
ANALYSIS REPORT

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Purpose of Analysis	: Special request
Sample Send Org.	: SJT-Investment Group Oy / JedX Medcare
Address	: Köysikuja 1, 01640 Vntaa, Finland
Sample Acceptance Date	: 2024-03-11 10:09:16
Analysis Date	: 2024-03-11 11:00:04
Sample Quantity	: 30 Pieces
Sample Description	: JedX 3614 W FT HLPV
Other informations	:

Tests	Method	Expected performance level	Evaluation
Breathing Resistance	**EN 149+A1 Part 8.9**		**PASS (FFP2)**

Breathing Resistance

Device:Breathing Resistance Tester

Measurement uncertainty: Inhalation 30L/min:±0,160,Inhalation30 L/min:±0,026 Exhalation 160 L/min:0,046

Tests	Analysis result	Limit Value	Method	Evaluation	Physical Condition
Breathing Resistance	**Check the table.**	**See the limits table.**	**EN 149+A1 Part 8.9**	**PASS (FFP2)**	**-**

Classification	30 L/min max basınç (mbar)	95 L/min max basınç (mbar)	160 L/min max basınç (mbar)
FFP1	**0,6**	**2,1**	**3,0**
FFP2	**0,7**	**2,4**	**3,0**
FFP3	**1,0**	**3,0**	**3,0**

Inhalation	30 L/min	95 L/min
As received 1	**0,3**	**1,2**
As received 2	**0,4**	**1,1**
As received 3	**0,3**	**1,1**
After temperature conditioning 1	**0,3**	**1,2**
After temperature conditioning 2	**0,3**	**1,1**
After temperature conditioning 3	**0,3**	**1,1**

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After the simulated wearing treatment 1	**0,3**	**1,1**
After the simulated wearing treatment 2	**0,3**	**1,1**
After the simulated wearing treatment 3	**0,3**	**1,2**
After the flow conditioning 1	**0,3**	**1,1**
After the flow conditioning 2	**0,3**	**1,1**
After the flow conditioning 3	**0,3**	**1,2**

Exhalation 160L/min	**Facing directly ahead**	**Facing vertically upwards**	**Facing vertically downwards**	**Lying on the left side**	**Lying on the right side**
As received 1	**2,0**	**1,9**	**2,0**	**1,9**	**1,9**
As received 2	**2,0**	**1,9**	**1,9**	**1,9**	**2,0**
As received 3	**1,9**	**1,9**	**2,0**	**2,0**	**1,9**
After temperature conditioning 1	**1,9**	**1,9**	**2,0**	**1,9**	**1,9**
After temperature conditioning 2	**2,0**	**2,0**	**1,9**	**1,9**	**2,0**
After temperature conditioning 3	**1,9**	**1,9**	**2,0**	**2,0**	**2,0**
After the simulated wearing treatment 1	**2,0**	**1,9**	**2,0**	**1,9**	**1,9**
After the simulated wearing treatment 2	**2,0**	**1,9**	**1,9**	**1,9**	**2,0**
After the simulated wearing treatment 3	**1,9**	**2,0**	**1,9**	**1,9**	**2,0**
After the flow conditioning 1	**2,0**	**1,9**	**2,0**	**1,9**	**1,9**
After the flow conditioning 2	**1,9**	**1,9**	**1,9**	**1,9**	**2,0**
After the flow conditioning 3	**1,9**	**1,9**	**1,9**	**2,0**	**1,9**

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MNA LABORATORY
ANALYSIS REPORT

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Operating as a test laboratory, MNA Laboratories is accredited by TÜRKAK according to AB-1183-T and TS_EN_ISO/IEC_17025:2017 standards has been done. A multilateral agreement with the European Accreditation Association (EA) on the recognition of the Turkish Accreditation Agency (TÜRKAK) test reports and It has signed a mutual recognition agreement with the International Laboratory Accreditation Association (ILAC).

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

Note :

1. No part of this analysis report may be used alone or separately and may be partially copied or reproduced without the written permission of the laboratory. It cannot be reproduced, used by third parties or as a means of advertising.
2.Analysis results are valid for the sample sent and analyzed by the company/institution/individual to MNA Laboratories. represent the whole may not.
3. Unsigned and Unsealed reports are invalid.

4.This analysis report cannot be used in judicial-administrative proceedings or for advertising purposes.
5. Results are valid for the sample received.
6. 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.
7. Limit Values are determined by taking from analysis methods.
8. The laboratory is not responsible if the information provided by the CUSTOMER affects the validity of the results.
9. Test and / or measurement results, expanded measurement uncertainties (if any) and test methods are given in the following pa ges, which are the supplementary part of this certificate.
10. Water Repellency Determination Hydrostatic Pressure Determination T S ISO 811 (Hydrostatic Pressure Tester E / N: 53) Analysis, Seam Strength EN ISO 13935-2 (Strength Test Device E / N: 50) Analysis and resistance to liquid chemical permeation TS EN 659 -A1 Part 3.18 (Liquid Chemical Transfer Device E / N: 107) Analysis is carried out in the conditioning room and ISO 139 PART 3.2 conditions (23 ± 2 ° C temperature and 50 ± 4% relative humidity) are applied for ambient conditions.
The witness sample not recieved.

Faruk Sarıhan

P/ Sample Acceptance and Reporting Officer

2024-03-14 15:04:33

VOLKAN AKIN

Laboratory Manager

2024-03-14 15:04:00

Erhan Üstünel

Laboratory Responsible

2024-03-14 15:02:48

FRM:23/rev.06/27.10.2023

MNA LABORATORY
ANALYSIS REPORT

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