

Date received: 30/10/17

Date of issue: 21/12/17

Report consists of 11 test reports.

Defects before testing: None

Sample name: YUMI

CANTARUTTI S.R.L.
VIA MAGGIORE 14
33040 PREMARIACCO (UD)
ITALIA

SAMPLE N° 240927

Overall dimensions: 600 x 480 x 760 (h) mm

List performed tests:

1. Arm strength test-Vertical-Static ANSI-BIFMA X5.1-2017/12
2. Arm strength test - Horizontal-Static ANSI-BIFMA X5.1-2017/13
3. Leg strength test-Front application ANSI-BIFMA X5.1-2017/17
4. Leg strength test- Side application ANSI-BIFMA X5.1-2017/17
5. Backrest strength test - Static ANSI-BIFMA X5.1-2017/6
6. Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7
7. Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15
8. Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10



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Managing Director
Dr. Andrea Giavon

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SAMPLE N° 240927

Date of issue: 21/12/17
Sample weight: Not determined
Sample name: YUMI

TEST REPORT

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Date received: 30/10/17
Date of test: 08/11/17
Date of issue: 21/12/17
Sample name: YUMI



CANTARUTTI S.R.L.
VIA MAGGIORE 14
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ITALIA

Arm strength test-Vertical-Static ANSI-BIFMA X5.1-2017/12

Test results:

| Vertical load N | Time of application | Remarks |
|--------------------|---------------------|------------|
| 750 | 1' | No defects |
| 1.125 | 15" | No defects |

Test passed

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Managing Director
Dr. Andrea Graven

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TEST REPORT

240927 / 2

Date received: 30/10/17
Date of test: 08/11/17
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ITALIA

Arm strength test - Horizontal-Static ANSI-BIFMA X5.1-2017/13

Test results:

| Horizontal load N | Time of application | Remarks |
|----------------------|---------------------|------------|
| 445 | 1' | No defects |
| 667 | 15" | No defects |

Test passed

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TEST REPORT

240927 / 3

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ITALIA

Leg strength test-Front application ANSI-BIFMA X5.1-2017/17

Test results:

| Leg | Applied load N | Load application points mm | Time of application minutes | Remarks |
|-----------|----------------|---|-----------------------------|------------|
| Right leg | 334 | 38 from the bottom and 25 from the edge | 1 | No defects |
| Left leg | 334 | 38 from the bottom and 25 from the edge | 1 | No defects |

| Leg | Applied load N | Load application points mm | Time of application minutes | Remarks |
|-----------|----------------|---|-----------------------------|------------|
| Right leg | 503 | 38 from the bottom and 25 from the edge | 1 | No defects |
| Left leg | 503 | 38 from the bottom and 25 from the edge | 1 | No defects |

Test passed

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TEST REPORT

240927 / 4

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CANTARUTTI S.R.L.
VIA MAGGIORE 14
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ITALIA

Leg strength test- Side application ANSI-BIFMA X5.1-2017/17

Test results:

| Leg | Applied load N | Load application points mm | Time of application minutes | Remarks |
|-----------|----------------|---|-----------------------------|------------|
| Front leg | 334 | 38 from the bottom and 25 from the edge | 1 | No defects |
| Rear leg | 334 | 38 from the bottom and 25 from the edge | 1 | No defects |

| Leg | Applied load N | Load application points mm | Time of application minutes | Remarks |
|-----------|----------------|---|-----------------------------|------------|
| Front leg | 503 | 38 from the bottom and 25 from the edge | 1 | No defects |
| Rear leg | 503 | 38 from the bottom and 25 from the edge | 1 | No defects |

Test passed

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Managing Director
Dr. Andrea Glavon

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TEST REPORT

240927 / 5

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CANTARUTTI S.R.L.
VIA MAGGIORE 14
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ITALIA

Backrest strength test - Static ANSI-BIFMA X5.1-2017/6

Type of chair: Type III

Test results:

| Back load N | Time of application (minutes) | Remarks |
|----------------|-------------------------------------|------------|
| 667 | 1 | No defects |
| 1.001 | 1 | No defects |

Test passed

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TEST REPORT

240927 / 6

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CANTARUTTI S.R.L.
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ITALIA

Drop test - Dynamic - ANSI- BIFMA X5.1-2017/7

Height of drop: 152 mm above the uncompressed seat surface

Test results:

| Bag weight kg | Number of drops | Remarks |
|------------------|--------------------|------------|
| 102 | 1 | No defects |
| 136 | 1 | No defects |

Test passed

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TEST REPORT

240927 / 7

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Back durability test - Cyclic-Type II and III ANSI-BIFMA X5.1-2017/15

Type of chair: Type III

Test results:

| Number of cycles | Seat load kg | Force application points on the backrest | Backrest force N | Remarks |
|------------------|--------------|--|------------------|------------|
| 80.000 | 109 | Center of the backrest | 334 | No defects |
| 20.000 | 109 | 102 mm right from the center | 334 | No defects |
| 20.000 | 109 | 102 mm left from the center | 334 | No defects |

Test passed

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TEST REPORT

240927 / 8

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Date of test: 04/12/17
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Sample name: YUMI



CANTARUTTI S.R.L.
VIA MAGGIORE 14
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ITALIA

Seating durability test - Cyclic - ANSI-BIFMA X5.1-2017/10

Seat impact test

Height of drop: 36 mm above the uncompressed seat surface

Test results:

| Mass of drop kg | Number of drops | Remarks |
|--------------------|--------------------|------------|
| 57 | 100.000 | No defects |

Front corner load-ease test - cyclic -off-center

Test results:

| Seat load N | Number of cycles | Remarks |
|----------------|---------------------|------------|
| 890 | 20.000 | No defects |

Test passed

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Dr. Andrea Gravano

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