



# Laboratory Report

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<b>Folder #</b> 1615635	<b>Order #</b> 11414393	<b>Supplier</b>	Medtronic
<b>Report Date</b> 8/19/2016		<b>Client Reference #</b>	1630
Medtronic Attn: Cindy Marois 15 Hampshire Street Mansfield, MA 02048		<b>Inventory ID</b>	567357
		<b>UL Sample ID</b>	1615635001
		<b>Client Sample ID</b>	Sure Care Plus Protective Underwear XX-Large
		<b>Lot #</b>	16145G151411

<b>Methods: (1) MediCal 100mL Solution (2) ISO Standard</b>	<b>Results</b>
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### Pad Weight (g)

**Average Pad Weight** 77.3  
**Replicate Range** 76.46 – 78.31

### (1) Rate of Acquisition (sec)

Replicate 1 31.06  
 Replicate 2 26.78  
 Replicate 3 35.28  
 Replicate 4 32.00  
 Replicate 5 30.97  
**Replicate Average** 31.2  
**Replicate Range** 26.78 - 35.28

### (1) Rewet (g)

Replicate 1 0.05  
 Replicate 2 0.05  
 Replicate 3 0.05  
 Replicate 4 0.11  
 Replicate 5 0.04  
**Replicate Average** 0.06  
**Replicate Range** 0.04 - 0.11

### (2) Total Absorption Capacity (g)

Replicate 1 1424.89  
 Replicate 2 1384.12  
 Replicate 3 1356.12  
 Replicate 4 1364.03  
 Replicate 5 1363.34  
**Replicate Average** 1379  
**Replicate Range** 1356.12 - 1424.89



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**(2) Retention Capacity (g)**

Retention Capacity 1	423.29
Retention Capacity 2	401.72
Retention Capacity 3	406.32
Retention Capacity 4	392.83
Retention Capacity 5	401.34
<b>Retention Capacity Average</b>	<b>405</b>
<b>Replicate Range</b>	<b>392.83 - 423.29</b>

**Other**

**Air Permeability (cfm)**

<b>Air Permeability - Average</b>	<b>324</b>
Air Permeability - Maximum	365
Air Permeability - Minimum	286
Air Permeability - Replicate 1	346
Air Permeability - Replicate 2	336
Air Permeability - Replicate 3	286
Air Permeability - Replicate 4	317
Air Permeability - Replicate 5	312
Air Permeability - Replicate 6	308
Air Permeability - Replicate 7	317
Air Permeability - Replicate 8	365
Air Permeability - Replicate 9	306
Air Permeability - Replicate 10	346

**Elastic Elongation (%)**

Elastic Elongation - Rep 1	166.67
Elastic Elongation - Rep 2	166.67
Elastic Elongation - Rep 3	170.59
Elastic Elongation - Rep 4	157.14
Elastic Elongation - Rep 5	184.62
<b>Replicate Range</b>	<b>169.1</b>

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Melissa Bruzzi  
Date: 2016.08.19 11:02:34  
-04'00'

Melissa Bruzzi, Client Services Specialist

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