



Laboratory Report

UL
 85 John Road
 Canton, MA 02021
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Folder # 1602680	Order # 11173412	Supplier	First Quality
Report Date 2/23/2016		Client Reference	
First Quality Products Attn: Dana M. Walker PO Box 270, 121 North Road McElhattan, PA 17748		Inventory ID	539647
		UL Sample ID	1602680001
		Client Sample ID	PV-015 Prevail Youth C8
		Lot #	N/A

Product Identification	Results
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Pad Weight, grams

Average Pad Weight 50.76, 53.08, 50.27, 52.93, 52.69
Average: 51.95

Replicate Range 50.27 – 53.08

Rate of Acquisition, seconds⁽¹⁾

Replicate 1 24.31
 Replicate 2 24.03
 Replicate 3 26.65
 Replicate 4 24.63
 Replicate 5 24.00

Replicate Average 25
Replicate Range 24.00 - 26.65

Rewet, grams⁽¹⁾

Replicate 1 0.46
 Replicate 2 0.42
 Replicate 3 0.38
 Replicate 4 0.46
 Replicate 5 0.41

Replicate Average 0.43
Replicate Range 0.38 - 0.46

Total Absorption Capacity, grams⁽²⁾

Replicate 1 1198.94
 Replicate 2 1207.42
 Replicate 3 1111.53
 Replicate 4 1272.67
 Replicate 5 1235.81

Replicate Average 1205.27
Replicate Range 1111.53 - 1272.67



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Retention Capacity, grams⁽²⁾

Retention Capacity 1	277.14
Retention Capacity 2	332.82
Retention Capacity 3	281.63
Retention Capacity 4	336.57
Retention Capacity 5	345.31
Retention Capacity Average	314.69
Replicate Range	277.14 - 345.31

Air Permeability, cfm

Air Permeability - Average	673
Air Permeability - Maximum	755
Air Permeability - Minimum	607
Air Permeability - Replicate 1	682
Air Permeability - Replicate 2	695
Air Permeability - Replicate 3	607
Air Permeability - Replicate 4	620
Air Permeability - Replicate 5	616
Air Permeability - Replicate 6	755
Air Permeability - Replicate 7	718
Air Permeability - Replicate 8	686
Air Permeability - Replicate 9	655
Air Permeability - Replicate 10	692
Replicate Range	607 - 755

⁽¹⁾Medi-Cal Method; 100mL insult

⁽²⁾ISO Method; 11948-1

Diana Fegan
 Client Service Specialist