







DFD:(Filling:white duck down 15%)

IDFL # 19-289499

Zhejiang Samsung Down Co., Ltd Fri 12 July 2019

abby@samsungdown.com

Normal (8-10 Days)

Tue 11 June 2019

langer@samsungdown.com Alina@samsungdown.com

Abby Han

China

Zhejiang Samsung Down Co., Ltd No.288, Xiaoshao East Road, Xintang Street, Xiaoshan District Hangzhou, Zhejiang 311201

Arrival Date: Report Date:

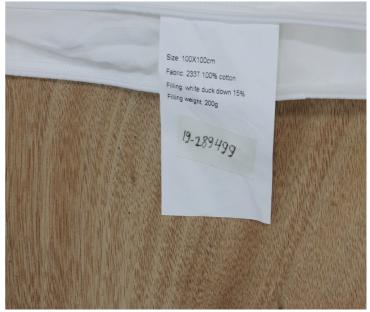
Tue 25 June 2019 **Revised Report Date:** Thu 27 June 2019 Fri 12 July 2019 **Revised Report Date:**

Sample Type: Comforter Comforter Shipped By: SF 237619353282

Label: Filling: white duck down 15%

Sample Identification: DFD:(Filling:white duck down 15%) 9870D,9871D,9874D,9873D,9870E,9870P,9871P





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	Test Orders Summary		
Test	Test Component	Result	Expected Value
Content EN 12131 2018	Down Clusters	16.6%	11.9
Oxygen Number EN 1162 1996	Oxygen	1.6 mg/100g	-
Turbidity EN 1164 1998	Turbidity Glass Tube	1000 mm	-
Fat and Oil EN 1163 1996	Fat and Oil	1.1%	-
Moisture EN 1161 1996	Moisture Content	9.4%	-

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DFD:(Filling:white duck down 15%)

Content EN	12131 2018 ¹	
Down Clusters	16.6%	
Down Fibers	0.4%	
Waterfowl Feather Fibers	0.5%	
Waterfowl Feathers	81.4%	
Broken and Damaged Waterfowl Feathers	0.4%	
Quill	0.0%	
Landfowl	0.0%	
Residue	0.7%	
Total	100.0%	
Ult(s) Used for Evaluation Total Down Down Fiber Allowance (0.4%) + Down Clusters (16.6%)	17.0%	
Total Waterfowl Feathers Waterfowl Feather Fibers & Broken and Damaged Waterfowl Feathers Allowance (0.9%) + Warerfowl Feathers (81.4%)	82.3%	
Other Elements Excess Down Fiber (0.0%) + Excess Waterfowl Feather Fibers & Broken and Damaged Waterfowl Feathers (0.0%) + Landfowl (0.0%) + Residue (0.7%) + Quill (0.0%)	0.7%	

Oxygen Number EN 1162 1996 ^{1, 2}
Oxygen 1.6 mg/100g

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DFD:(Filling:white duck down 15%)

Turbidity EN	1164 1998 ^{1, 2}
Turbidity Glass Tube	1000 mm
Turbidity NTU	1.59 NTU
The turbidity results came from 19-290986.	

Fat and Oil EN 1163 1996
Fat and Oil 1.1%

Moisture EN 1161 1996 ²
Moisture Content 9.4%

Bioburden EN 1884 1998

Mesophil Aerobic Bacteria Count: 1.7x10⁴ cfu/g

Faecal Streptococci Count: <1x10² cfu/g

Sulphite Reducing Clostridium Count: $< 1x10^2$ cfu/g

Presence of Salmonella: Not Detected

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	pH EN ISO 3071 2005
	Solution Type: Deionized Water
	pH 6.5 pH
L	

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