

75% siberia white duck down

IDFL # 20-311444

Zhejiang Samsung Down Co., Ltd Tue 30 June 2020

joyce@samsungdown.com **Joyce Sheng** Zhejiang Samsung Down Co., Ltd fei@samsungdown.com No.288, Xiaoshao East Road,

3-Day Tue 23 June 2020

Xintang Street, **Arrival Date:** Xiaoshan District, **Rush Report Date:** Tue 30 June 2020 Hangzhou, Zhejiang 311201

Sample Type: Plumage

China

SF 1089596003350 Shipped By:

Sample Identification: 75% siberia white duck down LOT: SM034-75WDD-20001



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16	st Orders Summary		
Test	Test Component	Result	Expected Valu
Content IDFB Part 3 2013	Down Clusters	79.7%	75.0%
Species Down & Feathers IDFB Part 12 2013	Total Goose	0%	
	Total Duck	100%	
Steam Fill Power IDFB Part 10-B 2015	Final Fill Power Volume	680 in <sup>3</sup> /30g	
Oxygen IDFB Part 7 2013	Oxygen	1.6 mg/100g	
Turbidity IDFB Part 11 2013	Turbidity Glass Tube	1000 mm	
Fat and Oil IDFB Part 4 2013	Fat and Oil	0.9%	
Moisture IDFB Part 5 2013	Moisture Content	11.6%	
Odor IDFL 30 2018	Actual Lab Test	4	

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Content IDFB	Part 3 2013 1, 2
Down Clusters	79.7%
Down Fibers	3.7%
Waterfowl Feather Fibers	2.3%
Waterfowl Feathers	13.8%
Broken and Damaged Waterfowl Feathers	0.3%
Quill	0.0%
Landfowl	0.0%
Residue	0.2%
Total	100.0%
Species Down & Feathe	ers IDFB Part 12 2013 <sup>1, 2</sup>
Goose Down	0%
Duck Down	100%
Goose Feathers	0%
Duck Feathers	100%
Total Goose	0%
Total Duck	100%
Steam Fill Power IDI	FB Part 10-B 2015 <sup>1, 2</sup>
Volume	680 in³/30g
Oxygen IDFB	Part 7 2013 <sup>1, 2</sup>
Oxygen	1.6 mg/100g
Turbidity IDFB	Part 11 2013 <sup>1, 2</sup>
Turbidity Glass Tube	1000 mm
Turbidity NTU	1.03 NTU
	FB Part 4 2013
Fat and Oil ID	

Moisture IDFB Part 5 2013 1, 2

11.6%

Moisture Content

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CIQ - Down & Feather Testing Lab Xiaoshan Zhejiang Imp. & Exp. Comm Insp

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Odor IDFL 30 2018			
CHECK-IN	CHECK-IN		
1. ODOR UPON ARRIVAL : Odor upon opening of shipping box	Normal		
2. INITIAL ODOR of SAMPLE : Odor of sample after removal from shipping box and any packaging material (such as plastic, etc.)	Normal		
3. LATER ODOR of SAMPLE : (24 hours after removal from packaging)	N/A		
4. ODOR of PACKAGING: (Any odor that might exist in packaging)	Normal		
OPENING ROOM			
5. INITIAL ODOR - FILL MATERIAL : Odor of fill material immediately after cutting open samples	Normal		
6. LATER ODOR - FILL MATERIAL : Odor after leaving fill material in a screened box for 24 hours	N/A		
LAB TEST			
7. ACTUAL LAB TEST: (1-5 'Nose' Lab Test)	4		
8. OTHER COMMENTS:	N/A		
9. CONCLUSION :	N/A		

Rating	Scale
1	Very Bad
2	Bad/Strange
3	Borderline
4	Normal Odor
5	Above

### **Bioburden EN 1884 1998**

**Results TBD** 

#### Tested by the following locations:

CIQ - Down & Feather Testing Lab Xiaoshan Zhejiang Imp. & Exp. Comm Insp

Dust IDFL 21			
Description	Evaluation	Comments	
Check-In			

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Presence of dust on the inside of plastic packaging.  Opening Room  2. DUST BETWEEN COVER AND SHELL (PILLOWS)  Examine the exterior of the pillow and the interior of the cover for dust. Vigorously shake cover to check for dust.  3. DUST FROM FINISHED PRODUCT Firmly strike product before opening.  4. DUST DURING NETFILL Shake empty shell.  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	1. DUST UPON ARRIVAL		
2. DUST BETWEEN COVER AND SHELL (PILLOWS)  Examine the exterior of the pillow and the interior of the cover for dust. Vigorously shake cover to check for dust.  3. DUST FROM FINISHED PRODUCT Firmly strike product before opening.  4. DUST DURING NETFILL Shake empty shell.  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Presence of dust on the inside of plastic packaging.	Low Dust	N/A
Examine the exterior of the pillow and the interior of the cover for dust. Vigorously shake cover to check for dust.  3. DUST FROM FINISHED PRODUCT Firmly strike product before opening.  4. DUST DURING NETFILL Shake empty shell. N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/A	Opening Room		
interior of the cover for dust. Vigorously shake cover to check for dust.  3. DUST FROM FINISHED PRODUCT Firmly strike product before opening.  4. DUST DURING NETFILL Shake empty shell. N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/A			
Firmly strike product before opening.  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	interior of the cover for dust. Vigorously	N/A	N/A
4. DUST DURING NETFILL  Shake empty shell.  N/A  Laboratory  5. DUST EVALUATION  Check for dust using official IDFL method 21.  5. No Dust   4. Low Dust   3. Moderate Dust   2. High Dust  Conclusion  6. SOURCE OF DUST  Dust comes from packaging, fabric, or filling material.  7. MICROSCOPIC EVALUATION	3. DUST FROM FINISHED PRODUCT		
Shake empty shell.  Laboratory  5. DUST EVALUATION Check for dust using official IDFL method 21.  5. No Dust   4. Low Dust   3. Moderate Dust   2. High Dust   1. Very High Dust   2. Source OF DUST   2. Source of Dust   3. Moderate Dust   3.	Firmly strike product before opening.	N/A	N/A
Laboratory  5. DUST EVALUATION Check for dust using official IDFL method 21.  5. No Dust   4. Low Dust   3. Moderate Dust   2. High Dust   1. Very High Dust   1. Very High Dust   2. Source OF DUST   2. Source of packaging, fabric, or filling material.  7. MICROSCOPIC EVALUATION	4. DUST DURING NETFILL		
5. DUST EVALUATION Check for dust using official IDFL method 21.  5. No Dust   4. Low Dust   3. Moderate Dust   2. High Dust   1. Very High Dust   Conclusion 6. SOURCE OF DUST Dust comes from packaging, fabric, or filling material. 7. MICROSCOPIC EVALUATION	Shake empty shell.	N/A	N/A
Check for dust using official IDFL method 21.  5. No Dust   4. Low Dust   3. Moderate Dust   2. High Dust   1. Very High Dust    Conclusion  6. SOURCE OF DUST  Dust comes from packaging, fabric, or filling material.  7. MICROSCOPIC EVALUATION	Laboratory		
5. No Dust   4. Low Dust   3. Moderate Dust   2. High Dust  Conclusion  6. SOURCE OF DUST  Dust comes from packaging, fabric, or filling material.  7. MICROSCOPIC EVALUATION	5. DUST EVALUATION		
Conclusion  6. SOURCE OF DUST  Dust comes from packaging, fabric, or filling material.  7. MICROSCOPIC EVALUATION		4	N/A
6. SOURCE OF DUST  Dust comes from packaging, fabric, or filling material.  7. MICROSCOPIC EVALUATION		5. No Dust   4. Low Dust   3. Moderate Dust   2. High Dust	1. Very High Dust
Dust comes from packaging, fabric, or filling material.  7. MICROSCOPIC EVALUATION	Conclusion		
material.  7. MICROSCOPIC EVALUATION	6. SOURCE OF DUST		
		Filling Material	N/A
Pictures.	7. MICROSCOPIC EVALUATION		
	Pictures.		

#### Microscopic Pictures

The picture below represents the type of dust particles found in the sample. It does not represent the quantity of dust

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# **Rush Test Report** 75% siberia white duck down

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### **USA-2000 Labeling Standard - Down & Feather Products USA**

Evaluation Component	Test	Test Component	Requirement	Result	Finding
Basic	Oxygen IDFB Part 7 2013	Oxygen	Max 10 mg/100g	1.6 mg/100g	Pass
	Turbidity IDFB Part 11 2013	Turbidity	Min 300 mm	1000 mm	Pass
DOWN - MINIMUM 75% DOWN	Content IDFB Part 3 2013	Down Cluster	Min 75%	79.7%	Pass
		Landfowl Feathers	Max 2%	0.0%	Pass
		Broken and Damaged Feathers	Max 2%	0.3%	Pass
		Residue	Max 2%	0.2%	Pass
		Down Fiber	Max 10%	3.7%	Pass
		Feather Fiber	Max 10%	2.3%	Pass
		Quill	Max 0 %	0.0 %	Pass
Fill Power Claim	Steam Fill Power IDFB Part 10-B 2015	Fill Power		680 in³/30g	-
Hypoallergenic / Super- Clean	Oxygen IDFB Part 7 2013	Oxygen	Max 4.8 mg/100g	1.6 mg/100g	Pass
	Turbidity IDFB Part 11 2013	Turbidity	Min 500 mm	1000 mm	Pass
Total Duck	Species Down & Feathers IDFB Part 12 2013	Duck (Down & Feathers)	Min 90%	100%	Pass

Suggested Label based on USA requirements

**DUCK DOWN** (MINIMUM 75% DOWN)

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