

Test Report

Wash White Goose Down-700FP (PDC-190836-1, PO-5113)

IDFL # 19-297329

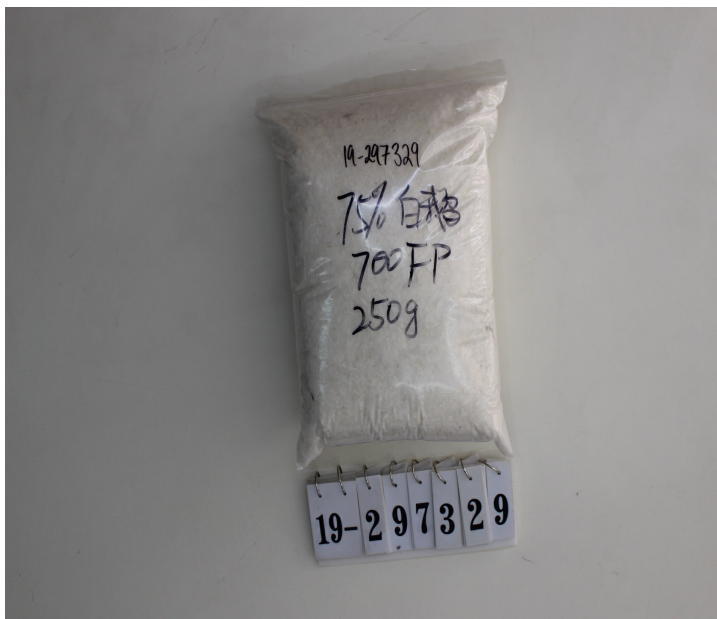
Hangzhou Samsung Down Products Co., Ltd.
Wed 30 Oct. 2019

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Normal (8-10 Days)

Arrival Date: Sat 19 Oct. 2019
Report Date: Wed 30 Oct. 2019

Sample Type: Plumage
Shipped By: STO
Sample Identification: Wash White Goose Down-700FP
(PDC-190836-1, PO-5113)



¹ CNAS Accredited

² CMA Accredited

This analysis represents (within normal testing variances) the test results from the sample(s) submitted. The analysis may not represent the entire lot, batch or production run. In no event shall IDFL be responsible or liable for any direct, indirect, punitive, incidental, special, or consequential damages whatsoever arising out of or connected with the use of, misuse of, or reliance upon such results or analysis. This test report is subject to the Terms and Conditions found at www.idfl.com.

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Test Orders Summary

Test	Test Component	Result	Expected Value
Content IDFB Part 3 2013	Down Clusters	83.9%	-
Species Down & Feathers IDFB Part 12 2013	Total Goose	96%	-
	Total Duck	4%	-
Color Separation IDFB Part 16 2013	Dark Percentage	0.06%	-
Steam Fill Power IDFB Part 10-B 2015	Final Fill Power Volume	700 in ³ /30g	700
Oxygen IDFB Part 7 2013	Oxygen	1.6 mg/100g	-
Turbidity IDFB Part 11 2013	Turbidity Glass Tube	1000 mm	-

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Content IDFB Part 3 2013^{1, 2}

Down Clusters	83.9%
Down Fibers	3.6%
Waterfowl Feather Fibers	2.2%
Waterfowl Feathers	10.0%
Broken and Damaged Waterfowl Feathers	0.1%
Quill	0.0%
Landfowl	0.0%
Residue	0.2%
Total	100.0%

Species Down & Feathers IDFB Part 12 2013^{1, 2}

Goose Down	96%
Duck Down	4%
Goose Feathers	98%
Duck Feathers	2%
Total Goose	96%
Total Duck	4%

Color Separation IDFB Part 16 2013¹

White Percentage	99.94%
Dark Percentage	0.06%
Total	100.00%

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Steam Fill Power IDFB Part 10-B 2015^{1, 2}

Volume **700 in³/30g**

Oxygen IDFB Part 7 2013^{1, 2}

Oxygen **1.6 mg/100g**

Turbidity IDFB Part 11 2013^{1, 2}

Turbidity Glass Tube **1000 mm**

Turbidity NTU **0.87 NTU**

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Odor IDFL 30 2018

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

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