

Test Report

SM302 90% Washed White Goose Down, Zi

XS-43166
Zhejiang Samsung Down Co., Ltd

14 Feb 2018

Michael Mao

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

cyrel@samsungdown.com
michael@samsungdown.com
Arrived: 07 Feb 2018
Completed: 14 Feb 2018

Sample Description: Plumage

Shipped By: SF072625076713

Filling Label:

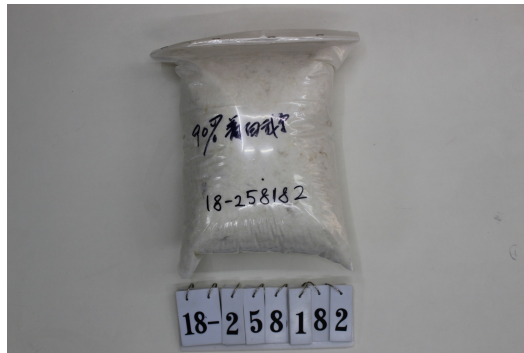
Sample Identification: SM302 90% Washed White Goose Down, Zi goose, Anser Cygnoides Domestica

Farm raised

BRAND NAME: Mackage

SEASON: FW18

STYLE NAMES: As Per Production/Consumption chart submitted to APP



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.

IDFL LABORATORY AND INSTITUTE

IDFL
1455 South 1100 East
Salt Lake City, UT 84105
USA
Tel: +1 801 467 7611
email: info@idfl.com

IDFL EUROPE AG
Zürcherstrasse 282
CH-8500 Frauenfeld
Switzerland
Tel: +41 52 765 1574
email: europe@idfl.com

IDFL CHINA
Tonghui Mid-Road 688, Xiaoshan,
Hangzhou Zhejiang 311200
China
Tel: +86 571 8273 6561
email: china@idfl.com

IDFL TAIPEI
3F/4F., No. 163, Sec. 2, Wenhua Rd.,
Banqiao District, New Taipei City
Taiwan
Tel: +886 2 2259 1178
email: taiwan@idfl.com

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14 Feb 2018

Content Analysis IDFB-3 - USA Report Format

Down Cluster	91.5%
Down Fiber	3.7%
Feather Fiber	1.7%
Waterfowl Feathers	3.0%
Broken / Damaged Feathers	0.1%
Quill	0.0%
Landfowl	0.0%
Residue	0.0%
Total	100.0%

Species IDFB-12

Goose Down	93%
Duck Down	7%
Goose Feathers	97%
Duck Feathers	3%
Total Goose	93%
Total Duck	7%

Fill Power

Method	Conditioning	Final
IDFB/Lorch Cylinder (in ³ /30g)	Steam IDFB-10-B	800

Cleanliness Evaluation

Oxygen IDFB-7	1.6 mg/100g
Turbidity IDFB-11-B	1000+ mm
IDFB-11-A	1.49 NTU

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IDFL EUROPE AG
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CH-8500 Frauenfeld
Switzerland
Tel: +41 52 765 1574
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IDFL CHINA
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Hangzhou Zhejiang 311200
China
Tel: +86 571 8273 6561
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3F/4F., No. 163, Sec. 2, Wenhua Rd.,
Banqiao District, New Taipei City
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USA-2000 Labeling Standards Evaluation

Michael Mao

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

IDFL Test Report # **18-258182**

Completed: 14 Feb 2018

Sample Description: Plumage

Sample Identification: SM302 90% Washed White Goose Down, Zi goose, Anser Cygnoides Domestica Farm raised
BRAND NAME: Mackage
SEASON: FW18
STYLE NAMES: As Per Production/Consumption chart submitted to APP

Sample Labeled As: IDFL assumes a "90% Down" label for evaluation purposes.

	Content Components	USA 2000 Label Requirements	Test Results	Pass/ Fail
Content Requirements	Down Cluster	Min 90.0%	91.5%	Pass
	Down Fiber	Max 10%	3.7%	Pass
	Feather Fiber	Max 10%	1.7%	Pass
	Broken and Damaged	Max 2.0%	0.1%	Pass
	Quill Feathers	Not Allowed	0.0%	Pass
	Landfowl Feather / Fiber	Max 2.0%	0.0%	Pass
	Residue	Max 2.0%	0.0%	Pass
	Waterfowl Feathers	N/A	3.0%	N/A
	Total Species	Min 90% Goose	93%	Pass
Cleanliness Requirements	Oxygen	Max 10 mg/100g	1.6	Pass
	Turbidity	Min 300	1000+	Pass
Hypo-Allergenic Requirements	Oxygen	Max 4.8 mg/100g	1.6	Pass
	Turbidity	Min 500	1000+	Pass
	Fill Power (Steam)	N/A	800	N/A
	Net Fill Weight	N/A	N/A	N/A
	Thread Count	N/A	N/A	N/A

Suggested Label based on USA-2000 Requirements:

**GOOSE DOWN
(MINIMUM 90% DOWN)**

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IDFL
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USA
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IDFL EUROPE AG
Zürcherstrasse 282
CH-8500 Frauenfeld
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Tel: +41 52 765 1574
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IDFL CHINA
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Hangzhou Zhejiang 311200
China
Tel: +86 571 8273 6561
email: china@idfl.com

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3F/4F., No. 163, Sec. 2, Wenhua Rd.,
Banqiao District, New Taipei City
Taiwan
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Approved By

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