

Test Report

155-Grey Duck Down EN 90/10, Class 1, F/P

19 Oct 2017

RUSH 3-Day
Arrived: 16 Oct 2017
Completed: 19 Oct 2017

Sample Description: Plumage
Shipped By: DHL 6111688354
Filling Label:
Sample Identification: 155-Grey Duck Down EN 90/10, Class 1, F/P 700
TS 15/2017_5337 (Exped)



SN EN ISO/EC 17025:2005
1: EN 12131, EN 12934, EN 12130, PAS 1003, EN 1162, EN 1164 are STS® 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. Any test with an asterisk (*) prefix in the title is performed externally -- see terms and conditions for more details. Please see the terms and conditions for details of measurement of uncertainty and precision.

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
ZÜRCHERSSTRASSE 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

www.idfl.com
Page: 1 of 2
Client:
CH-17671
Sample: 3 of 5

Security # 5067535223 e-Signature



Test Report

155-Grey Duck Down EN 90/10, Class 1, F/P

Content Analysis EN 12131/12934¹

Total Down	89.3%
Waterfowl Feathers	6.3%
Other Elements	4.4%
Total	100.0%

Content Detail EN 12131/12934¹

Components EN 12131		Classification EN 12934	Waterfowl Elements	Other Elements
Down Cluster	85.3%	Down Cluster	85.3%	
Down Fiber	4.0%	Down Fibres Allowed in Down: 5% of Down Clusters = 4.3%	4.0%	
		Down Fibre over 5% Allowance		0%
		Total Down	89.3%	
Waterfowl Feathers	5.8%	Waterfowl Feathers	5.8%	
Feather Fiber	2.9%	Feather Fibre and Broken Damaged Feathers Allowed in Waterfowl Feathers: 9% of Waterfowl Feathers = 0.5%	0.5%	
Broken / Damaged Feathers	1.0%			
Total	3.9%			
		Total Feather	6.3%	
Quill / Long Feathers	0.0%	Quill / Long Feathers		0.0%
Landfowl	0.3%	Landfowl		0.3%
Residue	0.7%	Residue		0.7%
Total	100.0%	Total Other Elements		4.4%

Fill Power

Method	Conditioning	Final
IDFB/Lorch Cylinder (in ³ /30g)	Steam IDFB-10-B	780

SN EN ISO/EC 17025:2005
 1: EN 12131, EN 12934, EN 12130, PAS 1003, EN 1162, EN 1164 are STS® 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. Any test with an asterisk (*) prefix in the title is performed externally -- see terms and conditions for more details. Please see the terms and conditions for details of measurement of uncertainty and precision.



Security # 5067535223 e-Signature
www.idfl.com
 Page: 2 of 2
 Client:
 CH-17671
 Sample: 3 of 5

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
 ZÜRCHERSSTRASSE 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