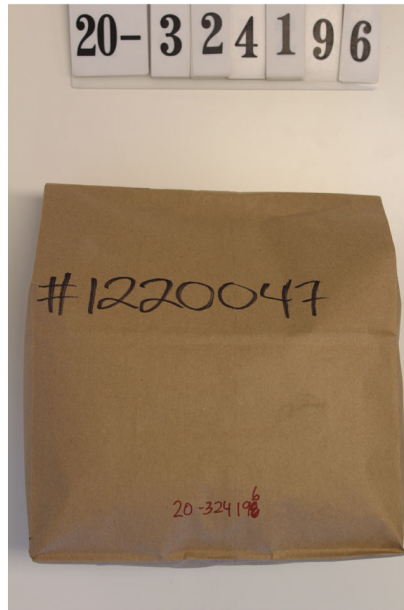


Allied Feather and Down Corporation
6905 W Acco Street
Building A
Montebello, California 90640
United States

5-Day
Arrival Date: Wed 23 Dec. 2020
Report Date: Wed 30 Dec. 2020
Revised Report Date: Wed 30 Dec. 2020

Sample Type: Plumage
Shipped By: FedEx 772135392759
Sample Identification: #1220047



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Sample 4 of 8

Test Orders Summary

Test	Test Component	Result	Expected Value
Content IDFB Part 3 2020	Down Clusters	92.7%	90.0%
Species Down & Feathers IDFB Part 12 2020	Total Goose	93%	90%
	Total Duck	7%	
Steam Fill Power IDFB Part 10-B 2020	Final Fill Power Volume	860 in ³ /30g	850 in ³ /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	0.5%	

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Sample 4 of 8

Content IDFB Part 3 2020	
Down Clusters	92.7%
Down Fibers	2.4%
Waterfowl Feather Fibers	1.0%
Waterfowl Feathers	3.5%
Broken and Damaged Waterfowl Feathers	0.2%
Quill	0.0%
Landfowl	0.1%
Residue	0.1%
Total	100.0%

Species Down & Feathers IDFB Part 12 2020	
Goose Down	93%
Duck Down	7%
Goose Feathers	100%
Duck Feathers	0%
Total Goose	93%
Total Duck	7%

Steam Fill Power IDFB Part 10-B 2020	
Height	217 mm/30g
Volume	860 in ³ /30g

Oxygen IDFB Part 7 2013	
Oxygen	1.6 mg/100g

Turbidity IDFB Part 11 2013	
Turbidity Glass Tube	1000 mm
Turbidity NTU	0.54 NTU

Fat and Oil IDFB Part 4 2013	
Fat and Oil	0.5%

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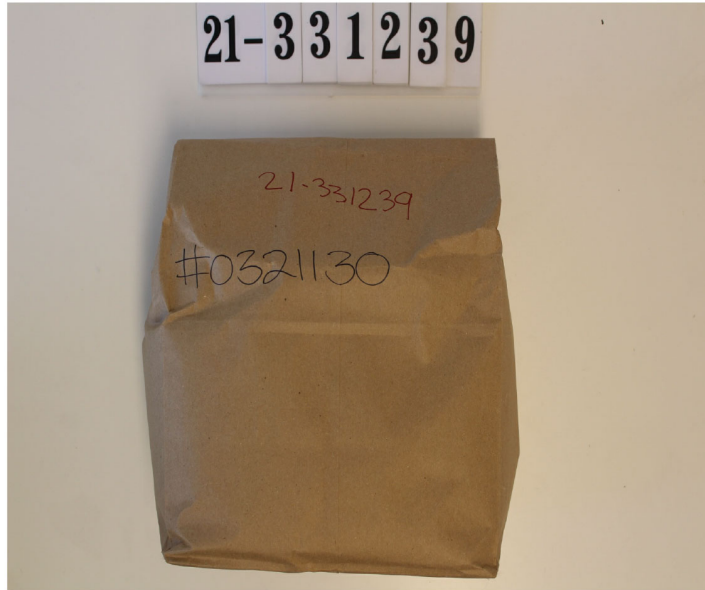
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Sample 4 of 8

<p>Allied Feather and Down Corporation 6905 W Acco Street Building A Montebello, California 90640 United States</p>	<p>3-Day Arrival Date: Wed 24 March 2021 Report Date: Mon 29 March 2021</p>
--	---

Sample Type: Plumage
Shipped By:
Sample Identification: #0321130



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Sample 5 of 6



SALT LAKE

Test Report

#0321130

IDFL # 21-331239

Allied Feather and Down Corporation
Mon 29 March 2021

Test Orders Summary

Test	Test Component	Result	Expected Value
Content IDFB Part 3 2020	Down Clusters	93.1%	
Species Down & Feathers IDFB Part 12 2020	Total Goose	97%	
	Total Duck	3%	
Steam Fill Power IDFB Part 10-B 2020	Final Fill Power Volume	865 in ³ /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	0.6%	

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Sample 5 of 6



SALT LAKE

Test Report

#0321130

IDFL # 21-331239

Allied Feather and Down Corporation
Mon 29 March 2021

Content IDFB Part 3 2020

Down Clusters	93.1%
Down Fibers	2.3%
Waterfowl Feather Fibers	1.4%
Waterfowl Feathers	2.8%
Broken and Damaged Waterfowl Feathers	0.2%
Quill	0.0%
Landfowl	0.1%
Residue	0.1%
Total	100.0%

Species Down & Feathers IDFB Part 12 2020

Goose Down	97%
Duck Down	3%
Goose Feathers	95%
Duck Feathers	5%
Total Goose	97%
Total Duck	3%

Steam Fill Power IDFB Part 10-B 2020

Height	218 mm/30g
Volume	865 in ³ /30g

Oxygen IDFB Part 7 2013

Oxygen	1.6 mg/100g
--------	-------------

Turbidity IDFB Part 11 2013

Turbidity Glass Tube	1000 mm
Turbidity NTU	0.66 NTU

Fat and Oil IDFB Part 4 2013

Fat and Oil	0.6%
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SALT LAKE

Test Report

#1222640

IDFL # 22-452441

Allied Feather and Down Corporation
3 Jan 2023

Andy Perez
Allied Feather and Down Corporation
6905 W Acco Street
Building A
Montebello, California 90640
United States

andy@alliedfeather.net
helmer@alliedfeather.net
5-Day

Arrival Date: 28 Dec 2022
Report Date: 30 Dec 2022

Updated Fill Power Report Date: 3 Jan 2023

Sample Type: Plumage
Shipped By: FedEx 770709396420
Sample Identification: #1222640



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Sample 1 of 2



SALT LAKE

Test Report

#1222640

IDFL # 22-452441

Allied Feather and Down Corporation
3 Jan 2023

Test Orders Summary

Test	Test Component	Result	Expected Value
Content IDFB Part 3 2020	Down Clusters	95.6%	90.0%
Species Down & Feathers IDFB Part 12 2020	Total Goose	93%	90%
	Total Duck	7%	-
Steam Fill Power IDFB Part 10-B 2020	Final Fill Power Volume	855 in ³ /30g	850 in ³ /30g
Oxygen IDFB Part 7 2013	Oxygen	3.2 mg/100g	-
Turbidity IDFB Part 11 2013	Turbidity Glass Tube	935 mm	-
Fat and Oil IDFB Part 4 2013	Fat and Oil	0.9%	-

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Sample 1 of 2



SALT LAKE

Test Report

#1222640

IDFL # 22-452441

Allied Feather and Down Corporation
3 Jan 2023

Content IDFB Part 3 2020

Down Clusters	95.6%
Down Fibers	1.5%
Waterfowl Feather Fibers	1.1%
Waterfowl Feathers	1.6%
Broken and Damaged Waterfowl Feathers	0.2%
Quill	0.0%
Landfowl	0.0%
Residue	0.0%
Total	100.0%

Species Down & Feathers IDFB Part 12 2020

Goose Down	93%
Duck Down	7%
Goose Feathers	73%
Duck Feathers	27%
Total Goose	93%
Total Duck	7%

Steam Fill Power IDFB Part 10-B 2020

Height	216 mm/30g
Volume	855 in ³ /30g

Oxygen IDFB Part 7 2013

Oxygen	3.2 mg/100g
--------	-------------

Turbidity IDFB Part 11 2013

Turbidity Glass Tube	935 mm
Turbidity NTU	1.88 NTU

Fat and Oil IDFB Part 4 2013

Fat and Oil	0.9%
-------------	------

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SALT LAKE

Final Test Report

#0224881

IDFL # 24-592838

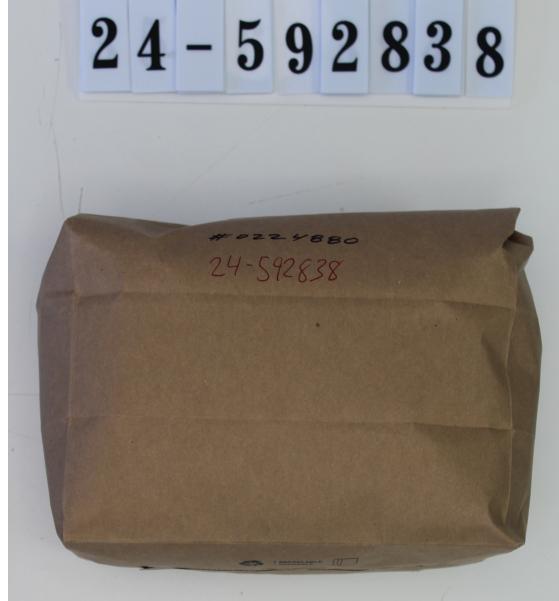
Allied Feather and Down Corporation
18 Mar 2024

Andy Perez
Allied Feather and Down Corporation
6905 W Acco Street
Building A
Montebello, California 90640
United States

andy@alliedfeather.net
helmer@alliedfeather.net
5-Day

Arrival Date: 28 Feb 2024
Report Date: 4 Mar 2024
Revised Report Date: 8 Mar 2024
Revised Fill Power Report Date: 18 Mar 2024

Sample Type: Plumage
Shipped By: FedEx 774742271623
Sample Identification: #0224881



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Sample 2 of 2
Page 1 of 3



SALT LAKE

Final Test Report

#0224881

IDFL # 24-592838

Allied Feather and Down Corporation
18 Mar 2024

Test Orders Summary

Test	Test Component	Result	Expected Value
Content IDFB Part 3 2020	Down Clusters	92.6%	90.0%
Species Down & Feathers IDFB Part 12 2020	Total Goose	91%	90%
	Total Duck	9%	-
Steam Fill Power IDFB Part 10-B 2023	Final Fill Power Volume	895 in ³ /30g	850 in ³ /30g
Oxygen IDFB Part 7 2013	Oxygen	1.6 mg/100g	-
Turbidity IDFB Part 11 (Includes IDFB 11 Part A 2023 & Part B 2023)	Turbidity Glass Tube	1000 mm	-
Fat and Oil IDFB Part 4 2013	Fat and Oil	0.9%	-

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Sample 2 of 2



SALT LAKE

Final Test Report

#0224881

IDFL # 24-592838

Allied Feather and Down Corporation
18 Mar 2024

Content IDFB Part 3 2020

Down Clusters	92.6%
Down Fibers	1.5%
Waterfowl Feather Fibers	1.7%
Waterfowl Feathers	3.7%
Broken and Damaged Waterfowl Feathers	0.2%
Quill	0.0%
Landfowl	0.2%
Residue	0.1%
Total	100.0%

Species Down & Feathers IDFB Part 12 2020

Goose Down	91%
Duck Down	9%
Goose Feathers	86%
Duck Feathers	14%
Total Goose	91%
Total Duck	9%

Steam Fill Power IDFB Part 10-B 2023

Height	226 mm/30g
Volume	895 in ³ /30g

Oxygen IDFB Part 7 2013

Oxygen	1.6 mg/100g
--------	-------------

Turbidity IDFB Part 11 (Includes IDFB 11 Part A 2023 & Part B 2023)

Turbidity Glass Tube	1000 mm
Turbidity NTU	1.12 NTU

Fat and Oil IDFB Part 4 2013

Fat and Oil	0.9%
-------------	------

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SALT LAKE

Final Test Report

Lot# 1125187

IDFL # 25-923679

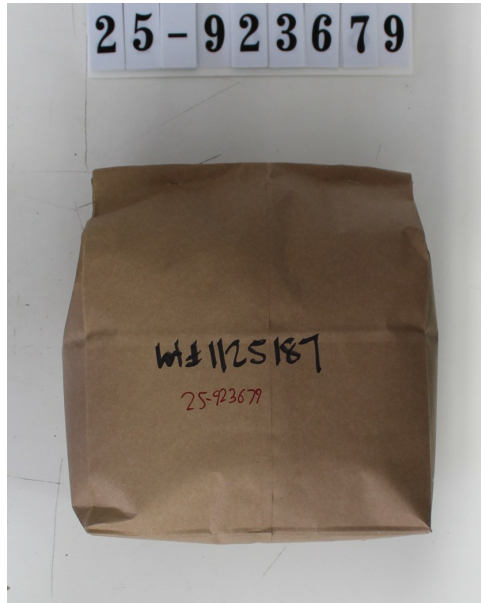
Allied Feather and Down Corporation
22 Jan 2026

Andy Perez
Allied Feather and Down Corporation
6905 W Acco Street
Building A
Montebello, California 90640
United States

andy@alliedfeather.net
aidanp@alliedfeather.net
1-Day

Arrival Date: 18 Nov 2025
Rush Report Date: 21 Nov 2025
Final Report Date: 26 Nov 2025
pH Retest Report Date: 21 Jan 2026
Revised Evaluation Report Date: 22 Jan 2026

Sample Type: Plumage
Shipped By: FedEx 884708746874
Sample Identification: Lot# 1125187



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SALT LAKE

Final Test Report

Lot# 1125187

IDFL # 25-923679

Allied Feather and Down Corporation
22 Jan 2026

Test Orders Summary

Test	Test Component	Result	Expected Value
Content GB/T 10288 5.1 2016	Down Clusters	90.2%	-
Species Down & Feathers IDFB Part 12 2025	Total Goose	94%	-
	Total Duck	6%	-
Steam Fill Power IDFB Part 10-B 2023	Final Fill Power Volume	860 in ³ /30g	850 in ³ /30g
Oxygen EN 1162 1996	Oxygen	3.2 mg/100g	-
Turbidity EN 1164 1998	Turbidity Glass Tube	835 mm	-
Fat and Oil IDFB Part 4 2013	Fat and Oil	0.8%	-
Moisture IDFB Part 5 2013	Moisture Content	8.8%	-
pH IDFB Part 6 2017	pH	7.0 pH	-
Odor GB/T 10288 5.7 2016	Rating	Qualified	-
APEO GB/T 14272 5.6.2 2021	SUM (NP+OP)	<0.1 mg/kg	-
	SUM (OPEO+NPEO)	44.2 mg/kg	-
	SUM (OP+OPEO+NP+NPEO)	44.2 mg/kg	-

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SALT LAKE

Final Test Report

Lot# 1125187

IDFL # 25-923679

Allied Feather and Down Corporation
22 Jan 2026

Content GB/T 10288 5.1 2016

Down Clusters	90.2%
Down Fibers	2.9%
Waterfowl Feather Fibers	1.7%
Waterfowl Feathers	4.9%
Waterfowl Feathers ≥ 7 cm	0.0%
Waterfowl Feathers ≥ 8 cm	0.0%
Broken and Damaged Waterfowl Feathers	0.3%
Quill	0.0%
Landfowl	0.0%
Residue	0.0%
Total	100.0%

Result(s) Used for Evaluation

Down Fibers & Waterfowl Feather Fibers	4.6%
Down Fibers (2.9%)	
+ Waterfowl Feather Fibers (1.7%)	

Species Down & Feathers IDFB Part 12 2025

Goose Down	94%
Duck Down	6%
Goose Feathers	97%
Duck Feathers	3%
Total Goose	94%
Total Duck	6%

Steam Fill Power IDFB Part 10-B 2023

Height	217 mm/30g
Volume	860 in ³ /30g

Oxygen EN 1162 1996

Oxygen	3.2 mg/100g
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Turbidity EN 1164 1998

Turbidity Glass Tube	835 mm
Turbidity NTU	1.67 NTU

Fat and Oil IDFB Part 4 2013

Fat and Oil	0.8%
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Moisture IDFB Part 5 2013

Moisture Content	8.8%
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pH IDFB Part 6 2017

pH	7.0 pH
----	--------

Odor GB/T 10288 5.7 2016

Rating	Qualified
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SALT LAKE

Final Test Report

Lot# 1125187

IDFL # 25-923679

Allied Feather and Down Corporation
22 Jan 2026

APEO GB/T 14272 5.6.2 2021

Nonylphenol (NP)	<0.1 mg/kg
Octylphenol (OP)	<0.1 mg/kg
Nonylphenol Polyethoxylate (NPEO)	44.2 mg/kg
Octylphenol Polyethoxylate (OPEO)	<1.0 mg/kg
SUM (NP+OP)	<0.1 mg/kg
SUM (OPEO+NPEO)	44.2 mg/kg
SUM (OP+OPEO+NP+NPEO)	44.2 mg/kg

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Final Test Report

Lot# 1125187

IDFL # 25-923679

Allied Feather and Down Corporation
22 Jan 2026

ARC'TERYX Down Standard FEB 2022 - Arc'teryx

Evaluation Component	Test	Test Component	Requirement	Result	Finding
Content Analysis (90% Down)	Content GB/T 10288 5.1 2016	Down Cluster	Min 90 %	90.2 %	Pass
		Landfowl Feathers / Fibers	Max 0 %	0.0 %	Pass
		Damaged Waterfowl Feathers	Max 2 %	0.3 %	Pass
		Residue	Max 1 %	0.0 %	Pass
		Down Fiber & Waterfowl Feather Fiber	Max 8 %	4.6 %	Pass
		Large Waterfowl Feathers	Max 0 %	0.0 %	Pass
		Quill Feathers	Max 0 %	0.0 %	Pass
		Other Elements	Max 15 %	1.6 %	Pass
Species (GOOSE)	Species Down & Feathers IDFB Part 12 2025	Goose Species (Down & Feathers)	Min 90 %	94.1 %	Pass
Oxygen	Oxygen EN 1162 1996	Oxygen Number	Max 4.8 mg/100g	3.2 mg/100g	Pass
Turbidity	Turbidity EN 1164 1998	Turbidity	Min 500 mm	835 mm	Pass
IDFB Steam Fill Power	Steam Fill Power IDFB Part 10-B 2023	IDFB Steam Fill Power	Min 850.0 in ³ /30g	860 in³/30g	Pass
Fat & Oil	Fat and Oil IDFB Part 4 2013	Fat & Oil content	Max 1.0 %	0.8 %	Pass
pH	pH IDFB Part 6 2017	pH value	Min of 6.6 pH and max of 7.0 pH	7.0 pH	Pass
Moisture	Moisture IDFB Part 5 2013	Moisture content	Max 13.0 %	8.8 %	Pass
APEO	APEO GB/T 14272 5.6.2 2021	NP + OP	Less than 10 mg/kg	<0.1 mg/kg	Pass
		NP + OP + NPnEO + OPnEO	Less than 100 mg/kg	44.2 mg/kg	Pass
Odor	Odor GB/T 10288 5.7 2016	Odor	Equal to Qualified	Qualified	Pass

Suggested Label based on FEB 2022 - Arc'teryx requirements

90% Goose Down
10% Goose Feathers

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SALT LAKE

Final Test Report

0126222-1-RDS

IDFL # 26-971497

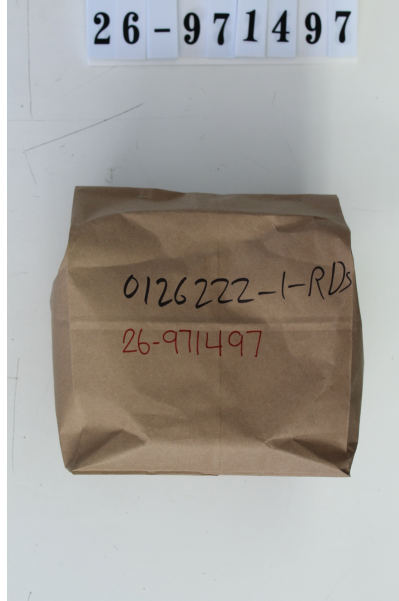
Allied Feather and Down Corporation
6 Mar 2026

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Arrival Date: 5 Feb 2026
Rush Report Date: 10 Feb 2026
Final Report Date: 26 Feb 2026
Revised Fill Power Results Report Date: 6 Mar 2026

Sample Type: Plumage
Shipped By: FedEx 887916164090
Sample Identification: 0126222-1-RDS



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SALT LAKE

Final Test Report

0126222-1-RDS

IDFL # 26-971497

Allied Feather and Down Corporation
6 Mar 2026

Test Orders Summary

Test	Test Component	Result	Expected Value
Content GB/T 10288 5.1 2016	Down Clusters	93.9%	90.0%
Species Down & Feathers IDFB Part 12 2025	Total Goose	92%	90%
	Total Duck	8%	-
Color Separation IDFB Part 16 2013	Dark Percentage	0.04%	-
Steam Fill Power IDFB Part 10-B 2023	Final Fill Power Volume	885 in ³ /30g	850 in ³ /30g
Oxygen EN 1162 1996	Oxygen	1.6 mg/100g	-
Turbidity EN 1164 1998	Turbidity Glass Tube	1000 mm	-
Fat and Oil IDFB Part 4 2013	Fat and Oil	0.8%	-
Moisture IDFB Part 5 2013	Moisture Content	7.9%	-
pH IDFB Part 6 2017	pH	7.0 pH	-
Odor GB/T 10288 5.7 2016	Rating	Qualified	-
APEO GB/T 14272 5.6.2 2021	SUM (NP+OP)	<0.1 mg/kg	-
	SUM (OPEO+NPEO)	14.3 mg/kg	-
	SUM (OP+OPEO+NP+NPEO)	14.3 mg/kg	-

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SALT LAKE

Final Test Report

0126222-1-RDS

IDFL # 26-971497

Allied Feather and Down Corporation
6 Mar 2026

Content GB/T 10288 5.1 2016

Down Clusters	93.9%
Down Fibers	2.6%
Waterfowl Feather Fibers	1.1%
Waterfowl Feathers	2.2%
Waterfowl Feathers ≥ 7 cm	0.0%
Waterfowl Feathers ≥ 8 cm	0.0%
Broken and Damaged Waterfowl Feathers	0.1%
Quill	0.0%
Landfowl	0.0%
Residue	0.1%
Total	100.0%

Result(s) Used for Evaluation

Down Fibers & Waterfowl Feather Fibers	3.7%
Down Fibers (2.6%)	
+ Waterfowl Feather Fibers (1.1%)	

Species Down & Feathers IDFB Part 12 2025

Goose Down	92%
Duck Down	8%
Goose Feathers	93%
Duck Feathers	7%
Total Goose	92%
Total Duck	8%

Color Separation IDFB Part 16 2013

White Percentage	99.96%
Dark Percentage	0.04%
Total	100.00%

Steam Fill Power IDFB Part 10-B 2023

Height	223 mm/30g
Volume	885 in³/30g

Oxygen EN 1162 1996

Oxygen	1.6 mg/100g
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Turbidity EN 1164 1998

Turbidity Glass Tube	1000 mm
Turbidity NTU	1.19 NTU

Fat and Oil IDFB Part 4 2013

Fat and Oil	0.8%
-------------	------

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IDFL # 26-971497

Allied Feather and Down Corporation
6 Mar 2026

Moisture IDFB Part 5 2013	
Moisture Content	7.9%
pH IDFB Part 6 2017	
pH	7.0 pH
Odor GB/T 10288 5.7 2016	
Rating	Qualified
APEO GB/T 14272 5.6.2 2021	
Nonylphenol (NP)	<0.1 mg/kg
Octylphenol (OP)	<0.1 mg/kg
Nonylphenol Polyethoxylate (NPEO)	14.3 mg/kg
Octylphenol Polyethoxylate (OPEO)	<1.0 mg/kg
SUM (NP+OP)	<0.1 mg/kg
SUM (OPEO+NPEO)	14.3 mg/kg
SUM (OP+OPEO+NP+NPEO)	14.3 mg/kg

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SALT LAKE

Final Test Report

0126222-1-RDS

IDFL # 26-971497

Allied Feather and Down Corporation
6 Mar 2026

ARC'TERYX Down Standard FEB 2022 - Arc'teryx

Evaluation Component	Test	Test Component	Requirement	Result	Finding
Content Analysis (90% Down)	Content GB/T 10288 5.1 2016	Down Cluster	Min 90 %	93.9 %	Pass
		Landfowl Feathers / Fibers	Max 0 %	0.0 %	Pass
		Damaged Waterfowl Feathers	Max 2 %	0.1 %	Pass
		Residue	Max 1 %	0.1 %	Pass
		Down Fiber & Waterfowl Feather Fiber	Max 8 %	3.7 %	Pass
		Large Waterfowl Feathers	Max 0 %	0.0 %	Pass
		Quill Feathers	Max 0 %	0.0 %	Pass
		Other Elements	Max 15 %	1.1 %	Pass
Species (GOOSE)	Species Down & Feathers IDFB Part 12 2025	Goose Species (Down & Feathers)	Min 90 %	92.0 %	Pass
Oxygen	Oxygen EN 1162 1996	Oxygen Number	Max 4.8 mg/100g	1.6 mg/100g	Pass
Turbidity	Turbidity EN 1164 1998	Turbidity	Min 500 mm	1000 mm	Pass
IDFB Steam Fill Power	Steam Fill Power IDFB Part 10-B 2023	IDFB Steam Fill Power	Min 850.0 in ³ /30g	885 in³/30g	Pass
Fat & Oil	Fat and Oil IDFB Part 4 2013	Fat & Oil content	Max 1.0 %	0.8 %	Pass
pH	pH IDFB Part 6 2017	pH value	Min of 6.6 pH and max of 7.0 pH	7.0 pH	Pass
Moisture	Moisture IDFB Part 5 2013	Moisture content	Max 13.0 %	7.9 %	Pass
Colour (White)	Color Separation IDFB Part 16 2013	Colour Separation (WHITE claim)	Max 1.00 %	0.04 %	Pass
APEO	APEO GB/T 14272 5.6.2 2021	NP + OP	Less than 10 mg/kg	<0.1 mg/kg	Pass
		NP + OP + NPnEO + OPnEO	Less than 100 mg/kg	14.3 mg/kg	Pass
Odor	Odor GB/T 10288 5.7 2016	Odor	Equal to Qualified	Qualified	Pass

Suggested Label based on FEB 2022 - Arc'teryx requirements

90% Goose Down
10% Goose Feathers

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