



Test Report

IDFL # 18-267047

Kuiu Ultralight Hunting

Allied

15 Jun 2018

Sample Description: Plumage
Shipped By: FedEx 421163347301
Filling Label:
Sample Identification: Allied



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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Content Analysis IDFB-3 - USA Report Format

Down Cluster	93.8%
Down Fiber	1.3%
Feather Fiber	0.5%
Waterfowl Feathers	4.1%
Broken / Damaged Feathers	0.1%
Quill	0.0%
Landfowl	0.1%
Residue	0.1%
Total	100.0%

Fill Power

Method	Conditioning	Final
IDFB/Lorch Cylinder (in ³ /30g)	Steam IDFB-10-B	880



Sample Info – Treated

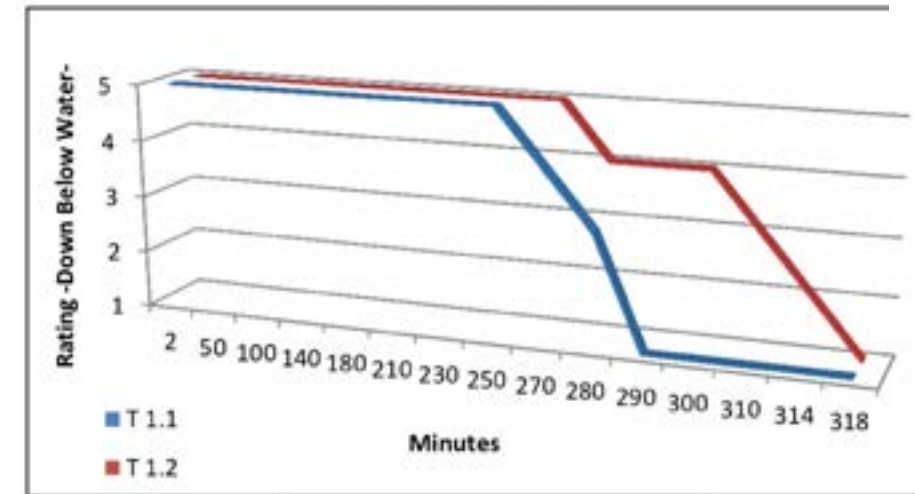
IDFL #: 18-267047
 Sample ID: Allied
 Date: 15-Jun-2018

Expected Results	Test Results
Content: N/A	Content: 93.8%
Species: N/A	Species: N/A
Fill Power: N/A	Fill Power: 880 in ³ /30g
Fat & Oil: N/A	Fat & Oil: N/A

IDFB 18-A

Hydrophobic Shake Test
 Measurement Interval - 2 Minutes

18-267047



5 Down Completely Above Water
 1 Down Completely Under Water

Minutes	T 1.1	T 1.2
2	5	5
50	5	5
100	5	5
140	5	5
180	5	5
210	5	5
230	5	5
250	5	5
270	4	5
280	3	4
290	1	4
300	1	4
310	1	3
314	1	2
318	1	1

Treated material reaches a rating of 1 at an average of : 304 minutes

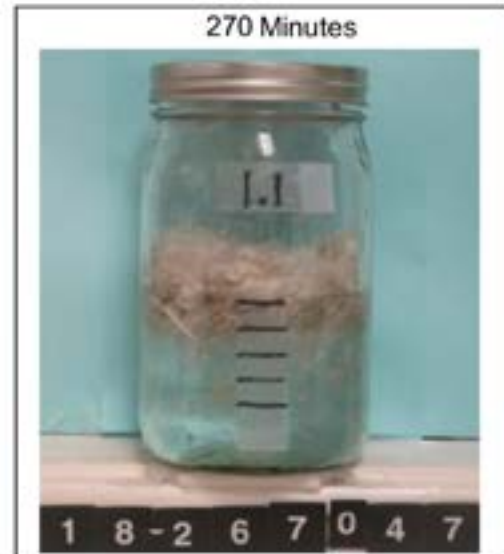


DWR Test Report

IDFB 18-A (Picture References)
Hydrophobic Shake Test
Measured Time Interval – 2 Minutes



Rating: 5

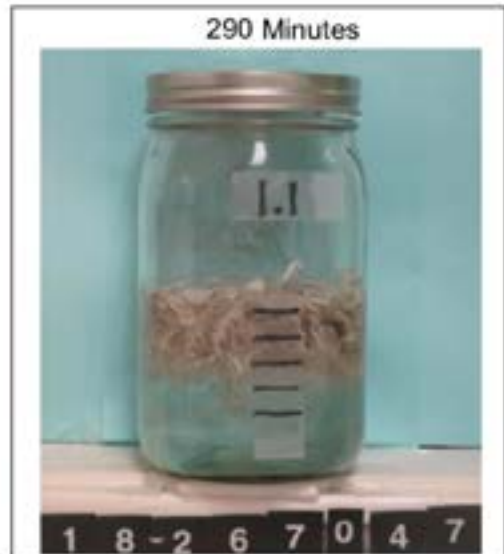


Rating: 4

IDFB 18-A
Hydrophobic Shake Test
Measured Time Interval – 2 Minutes



Rating: 3



Rating: 1