



# AUSTRALIAN WOOL TESTING AUTHORITY LTD

Reg'd. Office: 70 Robertson Street, Kensington, Victoria 3031 P.O. Box 240, North Melbourne 3051 Tel: (03) 9371 4100 Fax: (03) 9371 4191

A.B.N. 43 006 014 106

## IWTO TEST CERTIFICATE

ORIGINAL

3-13536261-P8 \*CLASSED GROWER LOT TEST METHODS IWTO-19,12 PAGE 1

AUSTRALIAN WOOL NETWORK PTY LTD LAUNCESTON 2 BALES \*ROSE VILLA/TASMANIA \*SUPAAAFINE

REF. M36L 009313 \*ROSE VILLA/TASMANIA \*SUPAAAFINE BALE NO. GROSS \*TARE NETT BALE NO. GROSS \*TARE NETT

35	183	2	181	36	182	2	180
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0374673

TOTAL BALE WEIGHTS: GROSS 365 KG TARE 4 KG NETT 361 KG

TEST HOUSE GROSS 365 KG TARE 4 KG NETT 361 KG



TEST RESULTS:

1. WOOL BASE - 2 SUBSAMPLES 65.75 %

2. MEAN FIBRE DIAMETER - 4 SPECIMENS 15.6 MICRONS

3. COEFFICIENT OF VARIATION OF DIAMETER 18.7 %

4. VEGETABLE MATTER BASE INCLUDING \*\*\*\* % HARD HEADS-TWIGS 0.3 %

CALCULATED COMMERCIAL YIELDS & CLEAN MASSES:

5. IWTO SCHLUM DRY T&N YIELD (1.0%TFM)	76.7 %	277 KG
6. IWTO SCOURED YIELD at 17% REGAIN	79.1 %	286 KG
7. JAPANESE CLEAN SCOURED YIELD	77.4 %	279 KG
8. AUSTRALIAN CARBONISING YIELD	73.6 %	266 KG

ADDITIONAL INFORMATION:

9. MEAN FIBRE CURVATURE 90 DEG/MM

10. COMFORT FACTOR 99.8 %

11. VEGETABLE MATTER COMPOSITION (B) 0.0% (S) 0.3% (H) 0.0%

DECLARED INFORMATION:

12. \*DARK & MEDULLATED FIBRE RISK 2

13. \*MULESING STATUS NM

CHARGE: \$ 38.70 GST @ 10% : \$ 3.87 TOTAL CHARGE: \$ 42.57

CONTINUED ON NEXT PAGE  
 TEST CONDUCTED AT MELBOURNE LABORATORY  
 BALES SAMPLED AT LAUNCESTON ON 21.09.2018  
 AWTA LTD SERVICE TIME 4.0 DAYS  
 ISSUED ON 26.09.2018, PRINTED ON 07.03.2019

12.1278 12 25570 0000 E

SECURITY CODE: 38238282

TIAM 1



Accredited for compliance with ISO/IEC 17025 - Testing  
 Accreditation No: 2859

The ORIGINAL and any OFFICIAL COPY of this Certificate are issued in accordance with the stated Test Method(s) and any directly associated Regulations. By authorising the application of the AWTA Ltd Seal, we hereby certify that the test results are within the precision limits of the Test Method declared. As far as is permissible by law, no other warranty is expressed or implied. On request, AWTA Ltd will make available sampling, weighing and/or testing details to any bona fide bearer or transferee of this Certificate. Photocopies and other reproductions are NOT recognised as Certificates. THIS CERTIFICATE SHALL BE RENDERED VOID IF AMENDED OR ALTERED.

For and on behalf of Australian Wool Testing Authority Ltd

MICHAEL A. JACKSON B.Sc.(Hons)  
 MANAGING DIRECTOR

IAN A. ASHMAN B.Sc.  
 GENERAL MANAGER - RAW WOOL



CLIENT USE ONLY



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## IWTO TEST CERTIFICATE

ORIGINAL

3-13536264-P2 \*CLASSED GROWER LOT TEST METHODS IWTO-19,12 PAGE 1

AUSTRALIAN WOOL NETWORK PTY LTD LAUNCESTON 4 BALES \*ROSE VILLA/TASMANIA \*AAAFINEPCS

REF. M36L 009314 \*ROSE VILLA/TASMANIA \*AAAFINEPCS

BALE NO.	GROSS	*TARE	NETT	BALE NO.	GROSS	*TARE	NETT
34	183	2	181	41	182	2	180
37	180	2	178	48	128	2	126

TOTAL BALE WEIGHTS:

TEST HOUSE GROSS	673 KG	TARE	8 KG	NETT	665 KG
GROSS 673 KG TARE 8 KG NETT 665 KG					

TEST RESULTS:

- WOOL BASE - 2 SUBSAMPLES 61.29 %
- MEAN FIBRE DIAMETER - 4 SPECIMENS 15.7 MICRONS
- COEFFICIENT OF VARIATION OF DIAMETER 19.9 %
- VEGETABLE MATTER BASE INCLUDING \*\*\*\* % HARD HEADS-TWIGS 1.1 %

CALCULATED COMMERCIAL YIELDS & CLEAN MASSES:

- IWTO SCHLUM DRY T&N YIELD (1.0%TFM) 70.8 % 471 KG
- IWTO SCOURED YIELD at 17% REGAIN 74.7 % 497 KG
- JAPANESE CLEAN SCOURED YIELD 72.2 % 480 KG
- AUSTRALIAN CARBONISING YIELD 68.4 % 455 KG

ADDITIONAL INFORMATION:

- MEAN FIBRE CURVATURE 89 DEG/MM
- COMFORT FACTOR 99.8 %
- VEGETABLE MATTER COMPOSITION (B) 0.0% (S) 1.1% (H) 0.0%

DECLARED INFORMATION:

- \*DARK & MEDULLATED FIBRE RISK 3
- \*MULESING STATUS NM

CHARGE: \$ 41.75 GST @ 10% : \$ 4.18 TOTAL CHARGE: \$ 45.93

CONTINUED ON NEXT PAGE  
 TEST CONDUCTED AT MELBOURNE LABORATORY  
 BALES SAMPLED AT LAUNCESTON ON 21.09.2018  
 AWTA LTD SERVICE TIME 4.0 DAYS  
 ISSUED ON 26.09.2018, PRINTED ON 07.03.2019

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SECURITY CODE: 38238237

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For and on behalf of Australian Wool Testing Authority Ltd

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## IWTO STAPLE TEST CERTIFICATE

ORIGINAL

3-13538648-L4

TEST METHODS IWTO-7,30,38

PAGE 1

AUSTRALIAN WOOL NETWORK PTY LTD LAUNCESTON

2 BALES

\*ROSE VILLA/TASMANIA

\*SUPAAAFINE

REF. M36L 009313 \*ROSE VILLA/TASMANIA

\*SUPAAAFINE

BALE NO.	GROSS	*TARE	NETT	BALE NO.	GROSS	*TARE	NETT
35	183	2	181	36	182	2	180

0374673

TOTAL BALE WEIGHTS:

GROSS	365 KG	TARE	4 KG	NETT	361 KG
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TEST HOUSE GROSS	365 KG	TARE	4 KG	NETT	361 KG
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TEST RESULTS:

- MEAN STAPLE LENGTH - 64 STAPLES 87 MM
- COEFFICIENT OF VARIATION OF STAPLE LENGTH 13 %
- MEAN STAPLE STRENGTH - 64 STAPLES 49 NEWTONS/KTEX
- DISTRIBUTION OF POSITION OF BREAK:
 

BROKE IN THE TIP REGION	0 %
BROKE IN THE MIDDLE REGION	38 %
BROKE IN THE BASE REGION	62 %

ADDITIONAL INFORMATION:

CHARGE: \$ 24.50 GST @ 10% : \$ 2.45 TOTAL CHARGE: \$ 26.95

NO FURTHER PAGES  
TEST CONDUCTED AT MELBOURNE LABORATORY

12.1278 12 77328 0100 E

SECURITY CODE: 38253382

ISSUED ON 27.09.2018, PRINTED ON 07.03.2019

TIAM 1




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\*DECLARED: AWTA Ltd does not certify or provide any warranty whatsoever in regard to declared information.

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## IWTO STAPLE TEST CERTIFICATE

ORIGINAL

3-13538651-L8

TEST METHODS IWTO-7,30,38

PAGE 1

AUSTRALIAN WOOL NETWORK PTY LTD LAUNCESTON

4 BALES

\*ROSE VILLA/TASMANIA

\*AAAFINEPCS

REF. M36L 009314 \*ROSE VILLA/TASMANIA

\*AAAFINEPCS

BALE NO.	GROSS	*TARE	NETT	BALE NO.	GROSS	*TARE	NETT
34	183	2	181	41	182	2	180
37	180	2	178	48	128	2	126

0374676

TOTAL BALE WEIGHTS:

TEST HOUSE GROSS 673 KG TARE 8 KG NETT 665 KG

GROSS 673 KG TARE 8 KG NETT 665 KG

TEST RESULTS:

- MEAN STAPLE LENGTH - 64 STAPLES 75 MM
- COEFFICIENT OF VARIATION OF STAPLE LENGTH 21 %
- MEAN STAPLE STRENGTH - 58 STAPLES 48 NEWTONS/KTEX
- DISTRIBUTION OF POSITION OF BREAK:
  - BROKE IN THE TIP REGION 17 %
  - BROKE IN THE MIDDLE REGION 45 %
  - BROKE IN THE BASE REGION 38 %

ADDITIONAL INFORMATION:

CHARGE: \$ 29.50 GST @ 10% : \$ 2.95 TOTAL CHARGE: \$ 32.45

NO FURTHER PAGES  
TEST CONDUCTED AT MELBOURNE LABORATORY

12.1278 12 77325 0100 E

SECURITY CODE: 38253691

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