

**CSIRO Textile and Fibre Technology**

Environmental Analysis Group

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CERTIFICATE OF ANALYSIS

Sample ID: Composite Blended.

Wool Line 1: WoolNo: 209804; LotNo: 120; Brand: Ellesmere; Type: SUPAAAFM; Bales: 4; Weight: 751Kg

Wool Line 2: WoolNo: 211422; LotNo: 726; Brand: DT/Kenilworth; Type: AAAM; Bales: 21; Weight: 4025Kg

Wool Line 3: WoolNo: 207391; LotNo: 120; Brand: B/Ashby; Type: AAAM; Bales: 12; Weight: 2341Kg

Wool Line 4: WoolNo: 209939; LotNo: 213; Brand: Ellenthorpe; Type: AAAM; Bales: 17; Weight: 3290Kg

Wool Line 5: WoolNo: 210092; LotNo: 252; Brand: Connordale; Type: AAAM; Bales: 4; Weight: 714Kg

Wool Line 6: WoolNo: 210264; LotNo: 283; Brand: F/Armada; Type: AAAM; Bales: 6; Weight: 1038Kg

Wool Line 7: WoolNo: 211421; LotNo: 59; Brand: DT/Kenilworth; Type: AAAM; Bales: 4; Weight: 735Kg

Wool Line 8: WoolNo: 209789; LotNo: 26; Brand: C/Camelford; Type: AAAM; Bales: 8; Weight: 1583Kg

Wool Line 9: WoolNo: 140521; LotNo: 82; Brand: Downie/Dungrove; Type: AAAM; Bales: 10; Weight: 1614Kg

Wool Line 10: WoolNo: 142480; LotNo: 87; Brand: Downie/Dungrove; Type: AAAM; Bales: 5; Weight: 877Kg

Wool Line 11: WoolNo: 142481; LotNo: 88; Brand: Downie/Dungrove; Type: AAAM; Bales: 5; Weight: 864Kg

Customer: Tasmania DPIWE

EAG ID: 1364-14719-14418

Report Date: 2006-12-22

Method	Pesticide Class	Pesticide Name	Concentration (mg/kg) on wool
TM 8	Organophosphate	Propetamphos	not detected (< 0.1)
		Diazinon	0.26
		Dichlofenthion	not detected (< 0.1)
		Chlorfenvinphos	not detected (< 0.1)
		Chlorpyrifos	not detected (< 0.1)
		Coumaphos	not detected (< 0.1)
		Fenchlorphos	not detected (< 0.1)
TM 8	Synthetic Pyrethroid	Cypermethrin	0.16
		Cyhalothrin	not detected (< 0.1)
		Deltamethrin	not detected (< 0.1)
		Fenvalerate	not detected (< 0.1)
		Flumethrin**	not detected (< 0.5)
TM 8	Insect Growth Regulator	Diflubenzuron	not detected (< 1)
		Triflumuron	not detected (< 1)
		Cyromazine	4
		Dicyclanil	not detected (< 1)
		Spinosad	not detected (< 1)
		Aldrin	not detected (< 0.1)
TM 8	Organochlorine	alpha-BHC	not detected (< 0.05)
		beta-BHC	not detected (< 0.05)
		delta-BHC	not detected (< 0.05)
		gamma-BHC(lindane)	not detected (< 0.05)
		DDD	not detected (< 0.05)
		DDE	not detected (< 0.05)
		DDT	not detected (< 0.05)
		Dieldrin	not detected (< 0.05)
		alpha-Endosulfan	not detected (< 0.05)
		beta-Endosulfan	not detected (< 0.05)
		Endosulfan sulphate	not detected (< 0.05)
		Endrin	not detected (< 0.05)
		Heptachlor	not detected (< 0.05)
		HCB	not detected (< 0.1)

** This analyte is not covered by the NATA scope of accreditation.

'Not detected (<nn)' denotes concentration was below the specified Limit of Reporting for the Method used.

Results are reported on a wool-as-received basis. Composite samples are cored and blended by AWTA.



The tests, calibrations or measurements covered by this document have been performed in accordance with NATA requirements which include the requirements of ISO/IEC 17025 and are traceable to national standards of measurement. This document shall not be reproduced except in full.

Signed:

I.M. Russell, Authorised NATA Signatory
Manager

Environmental Analysis Group

NATA Accredited Laboratory

Number: 14657

Report ID: 8698

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CSIRO will accept no responsibility for any interpretation, opinion or conclusion formed as a result of reading this Report. Test Results apply only to the sample provided for analysis.

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Compliance with 2002 Criteria for EU Eco-label for Greasy Wool

Sample ID: Composite Blended.

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Statement to be used with CSIRO EAG Report ID: 8698

In 1999 the European Council extended its Europe-wide eco-label scheme to include textiles. This scheme allows textile goods that meet the raw fibre specifications and the processing specifications (99/178/EC) to be identified at point of sale by an identifying symbol.

Background information and further details may be obtained from the web-site above.

The criteria for the ecolabel are revised on a three-yearly basis, to ensure that the award of the eco-label remains consistent with 'best practice' in both fibre production and processing.

In May 2002 a new set of specifications for greasy wool was introduced. These criteria will apply until late 2007.

To be compliant, greasy wool must have total residues for the different pesticide types below certain limits. These are

Total organophosphates:	less than 2 mg/kg
Total synthetic pyrethroids:	less than 0.5 mg/kg
Total diflubenzuron + triflumuron:	less than 2 mg/kg
Total organochlorines:	less than 0.5 mg/kg

Cyromazine, dicyclanil and spinosad are exempt.

If you have received this letter, your wool is deemed compliant with the EU eco-label criteria for greasy wool.

In a very few cases, the attached Certificate of Analysis may show analysis values that are slightly higher than the target values. This is caused by uncertainty in the analysis result caused by random sampling from the bales and in preparation of the subsample taken for analysis. To allow for possible random sampling and subsampling variations, the limits of acceptance have been calculated to ensure, with 95% confidence, that wool lots are not unfairly excluded.

Signed: I.M. Russell

Manager

Environmental Analysis Group

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