

AgResearch Analytical Testing Services

LABORATORY REPORT Number: 08/A212

(Please quote this number in all correspondence)

Issue date: 14/02/08

Client: Cavalier Bremworth

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CLIENT:
Cavalier Bremworth
P O Box 97 040
South Auckland Mail Centre
AUCKLAND

SAMPLE RECEIVED FROM:

RECEIPT DATE: 01/02/08

SAMPLE DESCRIPTION: Wool/Nylon blends with
minimum 80% wool, maximum 20% synthetic
(weight variance 26 oz to 85 oz)

ATTN: Alan

CLIENT ORDER NO.:

VOLATILE ORGANIC COMPOUNDS EMITTED

VOC's in carpets were determined in accordance with Environmental Choice New Zealand Standard EC-04-07 (based on German GuT specifications), by collection of compounds emitted to air in a chamber and analysis by GC/MS.

PENTACHLOROPHENOL AND FORMALDEHYDE

Pentachlorophenol was determined by hot extraction of a carpet sample with methanol, derivatisation with BSTFA and analysis by GC/MS. Formaldehyde was analysed by air sampling via a DNPH cartridge, elution and HPLC determination.

Parameter	Test results for the carpet	Unit	Limit
Client ID	Electra 242 158/242/5927		
AgResearch ID	A212		
pentachlorophenol	n.d	mg/kg	0.1
formaldehyde	n.d	mg/m ³ of air	0.01
butadiene	n.d	mg/m ³ of air	not detectable
vinyl chloride	n.d	mg/m ³ of air	not detectable
toluene	n.d	mg/m ³ of air	0.1
styrene	0.003	mg/m ³ of air	0.01
vinylcyclohexene	0.0008	mg/m ³ of air	0.002
4-phenyl cyclohexene	n.d	mg/m ³ of air	0.1
aromatic hydrocarbons	0.083	mg/m ³ of air	0.5
total volatile organic compounds	0.172	mg/m ³ of air	1.0

n.d. = not detected

Ancy Thomas / M Sandridge
Analyst 18/06/10

TERMS AND CONDITIONS: The client, upon receipt of this Report is deemed to accept the Terms and Conditions printed on the reverse of this report.

Please direct any queries to Mike Sandridge, Analytical Research Leader

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