

AgResearch Analytical Testing Services

LABORATORY REPORT Number: 09/A402

(Please quote this number in all correspondence)

Issue date: 23-01-09

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CLIENT:
Cavalier Bremworth
7 Grayson Ave
PO Box 97040
Papatoetoe

SAMPLE RECEIVED FROM: RECEIPT DATE: 16/12/08

SAMPLE DESCRIPTION: 100% Wool carpets
(weight variance 26 oz to 85 oz)

Auckland, New Zealand

ATTN: Alan Whittaker

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
Product Description	Cedar Park		
Client ID	7/9030/8283 – cedar Park		
AgResearch ID	A402		
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	0.002	mg/m ³ of air	0.01
vinylcyclohexene	n.d	mg/m ³ of air	0.002
4-phenyl cyclohexene	0.002	mg/m ³ of air	0.1
aromatic hydrocarbons	0.048	mg/m ³ of air	0.5
total volatile organic compounds	0.10	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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