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your e-mail of
2009-02-19

your reference

our reference
EA/2083

date
Zwijnaarde, 2009-03-05

Analysis Report 67479

Required tests :

Determination of phthalate content

Identification number	Information given by the client	Date of receipt
T901772	CONTESSE - Excell	2009-02-19

Eddy Albrecht
order responsible

For further information, please contact our sectorial adviser Petra Wittevrongel

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Reference : T901772 - CONTESSE - Exell

Determination of phthalate content

1. Method

Standard used : Öko-Tex 201 M-18

Deviation from the standard : -

Extraction : Extraction with hexane followed by clean up

Analysis : Gas chromatography with mass spectrometric detection – internal standard: benzylbenzoate

Components : Dibutylphthalate (DBP), Benzylbutylphthalate (BBP), di-(2-ethylhexyl)-phthalate (DEHP), di-n-octylphthalate (DNOP), diisononylphthalate (DINP), diisodecylphthalate (DIDP)

2. Results

Date of ending the test : 2009-03-05

Determination limit : 0.01 % (w/w)

	% (w/w)woodside	% (w/w)backside	% (w/w) complete
DBP	< DL	< DL	< DL
BBP	< DL	< DL	< DL
DEHP	0.05	< DL	0.02
DNOP	< DL	< DL	< DL
DINP	3.63	0.85	2.20
DIDP	0.40	0.19	0.21
Sum	4.08	1.04	2.43

DL= Determination Limit

Following these results the material doesn't fulfil the 0.1% (w/w) limit for phthalates as specified in 2005/84/EC. As only DINP and DIDP concentrations are higher than >0.1% the material can be used for articles that can not be placed in the mouth

The method was designed for low phthalate content. For contents above 2%, complete recovery cannot be guaranteed.