

LABORATORY REPORT ASBESTOS BULK ANALYSIS

Client: ABC Corporation
107 New Edition Ct
Cary, NC 27511

CEI Lab Code: A05-3570
Received: 06-16-05
Analyzed: 06-17-05
Reported: 06-17-05
Analyst: Virginia Wilson

Project: B03-083; Cold storage in veg prep room

The following definitions apply to the abbreviations used in the ASBESTOS BULK ANALYSIS REPORT:

CHRY = Chrysotile	CELL = Cellulose	DEBR = Debris
AMOS = Amosite	FBGL = Fibrous Glass	BIND = Binder
CROC = Crocidolite	ORGN = Organics	SILI = Silicates
TREM = Tremolite	SYNT = Synthetics	GRAV = Gravel
ANTH = Anthophyllite	WOLL = Wollastonite	MAST = Mastic
ACTN = Actinolite	CERWL = Ceramic Wool	PLAS = Plaster
N D = None Detected	NTREM = Non-Asbestiform Tremolite	PERL = Perlite
NANTH = Non-Asbestiform Anthophyllite		RUBR = Rubber

Stereoscopic microscopy and polarized light microscopy coupled with dispersion staining is the analytical technique used for sample identification. The percentage of each component is visually estimated by volume. These results pertain only to the samples analyzed. The samples were analyzed as submitted by the client and may not be representative of the larger material in question. Unless notified in writing to return samples, Carolina Environmental, Inc. will discard all bulk samples after 30 days.

Many vinyl floor tiles have been manufactured using greater than 1% asbestos. Often the asbestos was milled to a fiber size below the detection limit of polarized light microscopy. Therefore, a "None Detected" (ND) reading on vinyl floor tile does not necessarily exclude the presence of asbestos. Transmission electron microscopy provides a more conclusive form of analysis for vinyl floor tiles.

It is certified by the signature below that Carolina Environmental, Inc. is accredited by the National Voluntary Accreditation Program (NVLAP) for the analysis of asbestos in bulk materials. The accredited test method is EPA / 600 / M4-82 / 020 for the analysis of asbestos in building materials. Procedures described in EPA / 600 / R-93 / 116 have been incorporated where applicable. The detection limit for the method is 0.1% (trace amount). Carolina Environmental, Inc.'s NVLAP accreditation number is #101768-0. This report is not to be used to claim product endorsement by NVLAP or any agency of the U. S. Government. This report and its contents are only valid when reproduced in full. Dust and soil analyses for asbestos using PLM are not covered under NVLAP accreditation.

ANALYST



Virginia Wilson

REVIEWED BY



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Laboratory Director

CLIENT ID	CEI LAB ID	HOMOGENEITY DESCRIPTION	% ASBESTOS
122-01A	A378443A	<u>CEILING PLASTER</u> Heterogeneous, White, Non-fibrous, Tightly Bound PLAS 95 % METAL 5 %	ND
	A378443B	<u>TAR</u> Heterogeneous, Black, Fibrous, Bound CHRY 10% TAR 90 %	CHRY 10%
122-02A	A378444	<u>CORK INSULATION</u> Heterogeneous, Black, Fibrous, Bound CORK 85 % CELL 5 % TAR 10 %	ND
122-03A	A378445	<u>CORK INSULATION</u> Heterogeneous, Black, Fibrous, Bound CORK 85 % CELL 5 % TAR 10 %	ND
122-04A	A378446	<u>CORK INSULATION</u> Heterogeneous, Black, Fibrous, Bound CORK 85 % CELL 5 % TAR 10 %	ND