



Analytical Report

Professional: ABC Company
 123 Main Street
 Anywhere, USA 55512
Project: Live Oaks Condominiums
Location: Anywhere USA

C.O.C. No.: 23001
Order Date: 01/05/2011
Report Date: 01/07/2011
Sampled By: S. Mack

Client Sample ID: Master Bed Room
 Laboratory ID: 23001 1
 Date Sampled: 01/02/2011
 Date Analyzed: 01/06 Volume (L): 39.

Thank you for using Home Air Check Professional
 For questions concerning this report, contact your
 Home Air Check Professional listed above.
 Be sure to reference the C.O.C. Number.

Home Air Check™ Reported Values

Total VOC (TVOC) Concentration, ng/L: 1,600

Total VOC Concentration	TVOC Level	Recommendation
< 500	Low	No VOC issues anticipated for non-chemically sensitive occupants.
500 - 1,500	Moderate	Moderate VOC level but improvements can be achieved by locating and removing VOC sources.
1,500 - 3,000	Elevated	Locate and remove VOC sources described in the Contamination Index Report; consider increasing ventilation.
> 3,000	High	There are significant VOC issues; remove VOC sources described in the Contamination Index Report; increase ventilation.

Total MVOC (TMVOC) Concentration, ng/L: 15

Total MVOC Concentration	TMVOC Level	Recommendation
< 8	Minimal	Mold levels are at or below levels in most homes and working environments; no MVOC issues anticipated.
8 - 30	Low	Actively growing molds are present but are at levels which, generally, only affect people sensitive to molds.
30 - 150	Moderate	Actively growing molds are present; significant allergic reactions possible; consult with a professional mold remediator to locate and remove mold.
> 150	Elevated	There are significant mold issues. Consult with a professional mold remediation specialist.

Note: Mold removal is hazardous and should only be done after consultation with a trained specialist to avoid personal injury and to reduce the probability of spreading mold spores throughout the home.

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TVOC Statement and Discussion

The U.S. federal government has not specified a Total Volatile Organic Compound (TVOC) limit for indoor air.

The U.S. Green Building Council (USGBC) and the European Union (EU) have recommended 500 ng/L as the upper TVOC limit.

TVOC levels below 500 ng/L indicate that the Indoor Air Quality (IAQ) is acceptable for most individuals; however, chemically sensitive persons may require lower levels. TVOC levels between 500 and 1,500 ng/L indicate that the air quality is marginal and some effect on the occupants is possible.

Levels above 1,500 ng/L indicate that your indoor air quality should be improved.

TMVOC Statement and Discussion

The Total Mold Volatile Organic Compound (TMVOC) value is an assessment of the quantity of actively growing mold in the home. Like TVOC, the U.S. federal government has not specified limits for TMVOC. Typically, if there is no plumbing leak, condensation, or water intrusion into the home, there will not be a mold problem. If active mold growth is indicated, the first step in fixing the problem is to find and repair the water leak. Typically leaks are from the roof, plumbing, windows, or condensation. Levels below 8 ng/L are typical for most homes and should not cause great concern. Levels between 8 and 30 ng/L indicate a low level of mold which, generally, affects people who are sensitive to molds. Levels of 30-150 ng/L indicate that actively growing mold is present at a moderate level and building occupants will probably be affected.

Levels above 150 ng/L indicate that a high level of mold is present and it is likely that nearly all occupants will be affected.

For hypersensitive individuals, these cutoff levels might need to be reduced by up to a factor of four, depending upon the degree of hypersensitivity. Always consult a mold specialist before attempting to remove mold.

This analysis was performed by Prism Analytical Technologies, Inc. (Prism), the developer of Home Air Check Professional. The results contained in this report are dependent upon a number of factors over which Prism has no control, which may include, but are not limited to, the sampling technique utilized, the size or source of sample, the ability of the sampler to collect a proper or suitable sample, the compounds which make up the TVOC, and/or the type of mold(s) present. Therefore, the opinions contained in this report may be invalid and cannot be considered or construed as definitive and neither Prism, nor its agents, officers, directors, employees, or successors shall be liable for any claims, actions, causes of action, costs, loss of service, medical or other expenses or any compensation whatsoever which may now or hereafter occur or accrue based upon the information or opinions contained herein.