

Client: Prism Analytical Technologies
2625 Denison Drive
Mt. Pleasant, MI 48858

COC: 6000
Laboratory ID: 6000-8

Sampled By:
Project: Facility Name/Dates/Project Quote #
Location: Facility City/State
Project Dates,

Received Date: 10/21/2020
Approved Date: 10/21/2020
Scanned Date: 10/22/2020
Report Date: 10/25/2020

Client Sample ID: LEED
Volume: 45.2 L
Date Sampled: 10/19/2020
Sample Type: TDT 112J
Sample Condition:

A2-GSS Select LEED v4 O+M TDT Analysis

The VOCs in this report are set by the US Green Building Council LEED O+M (Operations and Maintenance) v4 Performance Based Indoor Air Assessment in Existing Buildings Reference method ISO 16000-6.

Note: Target VOCs that exceed the maximum allowable concentration are indicated by an "x" before the compound name and concentration values displayed using bold text.

	Sample Concentration µg/m³	Reporting Limit µg/m³	Max Allowable Concentration µg/m³	Additional Information
Total VOCs (TVOC)	< 200	200	500	Total volatile organic compounds determined from Hexane (C6) to Hexadecane (C16). Based on ISO 16000-6 section 11.3.

LEED Target VOCs	Compound	CAS	Sample Concentration		Reporting Limit	Max Allowable Concentration	Additional Information
			µg/m³	ppb	µg/m³	µg/m³	
	Acetaldehyde	75-07-0	1.0	0.6	0.2	140	
	Benzene	71-43-2	2.5	0.8	0.1	3	
	1,4-Dichlorobenzene	106-46-7	2.3	0.4	0.1	800	
	Naphthalene	91-20-3	5.0	0.9	0.1	9	
	Styrene	100-42-5	2.4	0.6	0.1	900	
	Toluene	108-88-3	15	3.9	0.1	300	
	Xylenes	108-38-3, 95-47-6, 106-42-3	7.1	1.6	1.0	700	Sum of m,p- and o-xylene

These results pertain only to this sample as it was collected and to the items reported. These results have been reviewed and approved by the Laboratory Director or authorized representative.



Alice E. Delia, Ph.D., Laboratory Director

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Mt. Pleasant, MI 48858
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LEED v4 Performance Based Indoor Air Assessment in Existing Buildings

Intent

To reduce potential adverse health impacts to building occupants arising from exposure to indoor air compounds through implementation of a tiered ongoing monitoring and performance based indoor air quality assessment protocol.

For more information refer to the [US Green Building Council Performance Based Indoor Air Assessment Credit](#).

Indoor VOC Contaminants

The Target VOCs are a subset of the CDPH Standard Method v1.1, Table 4-1 (Target CREL VOCs and their maximum allowable concentrations) which includes VOCs emitted by products appearing on the State of California lists of toxic substances. These VOCs are known or probable human carcinogens, reproductive or developmental toxins, and systemic toxins with noncancer chronic effects.

The concentration limits are drawn from the California EPA OEHHA Chronic Reference Exposure Levels with the exception of Formaldehyde (NIOSH) and Total Volatile Organic Compounds (LEED v4).

For more information review the [California OEHHA Chronic Reference Exposure Levels \(CRELs\)](#).