NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0 • NY DOH/NELAC 10903 • NJ DEP PA020
• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02080876
Client Reference: 19125-0345

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst
Client ID: ATC-0826-130M-VOC1	**Lab ID:** -01A	**Date Sampled:** 8/26/02		**Matrix:** Charcoal		**Air Vol.(L):** 120
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	08/29/2002 JLS
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	08/29/2002 JLS
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	08/29/2002 JLS
Acetone	<20	<0.17	<0.070	20	OSHA 7	08/29/2002 JLS
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	08/29/2002 JLS
Benzene	<20	<0.17	<0.052	20	OSHA 7	08/29/2002 JLS
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	08/29/2002 JLS
Chloroform	<20	<0.17	<0.034	20	OSHA 7	08/29/2002 JLS
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	08/29/2002 JLS
Hexane	<20	<0.17	<0.047	20	OSHA 7	08/29/2002 JLS
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	08/29/2002 JLS
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	08/29/2002 JLS
Pentane	<20	<0.17	<0.056	20	OSHA 7	08/29/2002 JLS
Styrene	<20	<0.17	<0.039	20	OSHA 7	08/29/2002 JLS
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	08/29/2002 JLS
Toluene	<20	<0.17	<0.044	20	OSHA 7	08/29/2002 JLS
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	08/29/2002 JLS
Xylenes, Total	95	0.79	0.18	20	OSHA 7	08/29/2002 JLS

CITY_21MC100_003034061

NYC-WTC_000317023

NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0 • NY DOH/NELAC 10903 • NJ DEP PA020
• AIHA ACCREDITATION NO. 100439 • PA DEP 06-353 • CT DPH PH-0238
• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02080876
Client Reference: 19125-0345

Analyte	Concentration (ug)	Concentration (mg/m^3)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: ATC-0826-130M-VOC2	**Lab ID:** -02A	**Date Sampled:** 8/26/02		**Matrix:** Charcoal		**Air Vol.(L):** 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	08/29/2002	JLS
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	08/29/2002	JLS
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	08/29/2002	JLS
Acetone	<20	<0.17	<0.070	20	OSHA 7	08/29/2002	JLS
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	08/29/2002	JLS
Benzene	<20	<0.17	<0.052	20	OSHA 7	08/29/2002	JLS
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	08/29/2002	JLS
Chloroform	<20	<0.17	<0.034	20	OSHA 7	08/29/2002	JLS
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	08/29/2002	JLS
Hexane	<20	<0.17	<0.047	20	OSHA 7	08/29/2002	JLS
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	08/29/2002	JLS
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	08/29/2002	JLS
Pentane	<20	<0.17	<0.056	20	OSHA 7	08/29/2002	JLS
Styrene	<20	<0.17	<0.039	20	OSHA 7	08/29/2002	JLS
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	08/29/2002	JLS
Toluene	<20	<0.17	<0.044	20	OSHA 7	08/29/2002	JLS
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	08/29/2002	JLS
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	08/29/2002	JLS

CITY_21MC100_003034062

NYC-WTC_000317024

NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0 • NY DOH/NELAC 10903 • NJ DEP PA020
• AIHA ACCREDITATION NO. 100438 • PA DEP 06-353 • CT DPH PH-0238
• NC DENR 599

Analytical Results
for
ATC Associates

WorkOrder: R02080876
Client Reference: 19125-0345

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed /Analyst	
Client ID: ATC-0826-130M-VOC3	**Lab ID:** -03A	**Date Sampled:** 8/26/02		**Matrix:** Charcoal		**Air Vol.(L):** 120	
1,1,1-Trichloroethane	<20	<0.17	<0.031	20	OSHA 7	08/29/2002	JLS
1,2-Dichloroethane	<20	<0.17	<0.041	20	OSHA 7	08/29/2002	JLS
A Hydrocarbons, Total	<20	<0.17	<0.047	20	OSHA 7	08/29/2002	JLS
Acetone	<20	<0.17	<0.070	20	OSHA 7	08/29/2002	JLS
B Hydrocarbons, Total	<20	<0.17	<0.044	20	OSHA 7	08/29/2002	JLS
Benzene	<20	<0.17	<0.052	20	OSHA 7	08/29/2002	JLS
Chlorobenzene	<20	<0.17	<0.036	20	OSHA 7	08/29/2002	JLS
Chloroform	<20	<0.17	<0.034	20	OSHA 7	08/29/2002	JLS
Ethylbenzene	<20	<0.17	<0.038	20	OSHA 7	08/29/2002	JLS
Hexane	37	0.31	0.087	20	OSHA 7	08/29/2002	JLS
Isopropylbenzene	<20	<0.17	<0.034	20	OSHA 7	08/29/2002	JLS
Methylene Chloride	<20	<0.17	<0.048	20	OSHA 7	08/29/2002	JLS
Pentane	<20	<0.17	<0.056	20	OSHA 7	08/29/2002	JLS
Styrene	<20	<0.17	<0.039	20	OSHA 7	08/29/2002	JLS
Tetrachloroethene	<20	<0.17	<0.025	20	OSHA 7	08/29/2002	JLS
Toluene	<20	<0.17	<0.044	20	OSHA 7	08/29/2002	JLS
Trichloroethene	<20	<0.17	<0.031	20	OSHA 7	08/29/2002	JLS
Xylenes, Total	<20	<0.17	<0.038	20	OSHA 7	08/29/2002	JLS

NYC-WTC_000317025

NYC 9/11 Public Portal Document

PSC ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

- EPA/NVLAP 101262-0
- AIHA ACCREDITATION NO. 100439
- NC DENR 589
- NY DOH/NELAC 10903
- PA DEP 06-353
- NJ DEP PA020
- CT DPH PH-0238

Analytical Results
for
ATC Associates

WorkOrder: R02080876
Client Reference: 19125-0345

Analyte	Concentration (ug)	Concentration (mg/m³)	Concentration (ppm)	Limit of Detection (ug)	Test Method	Date Analyzed / Analyst
Client ID: ATC-0826-130M-VOC4	**Lab ID:** -04A	**Date Sampled:** 8/26/02		**Matrix:** Charcoal		**Air Vol.(L):** NA
1,1,1-Trichloroethane	<20	--	--	20	OSHA 7	08/29/2002 JLS
1,2-Dichloroethane	<20	--	--	20	OSHA 7	08/29/2002 JLS
A Hydrocarbons, Total	<20	--	--	20	OSHA 7	08/29/2002 JLS
Acetone	<20	--	--	20	OSHA 7	08/29/2002 JLS
B Hydrocarbons, Total	<20	--	--	20	OSHA 7	08/29/2002 JLS
Benzene	<20	--	--	20	OSHA 7	08/29/2002 JLS
Chlorobenzene	<20	--	--	20	OSHA 7	08/29/2002 JLS
Chloroform	<20	--	--	20	OSHA 7	08/29/2002 JLS
Ethylbenzene	<20	--	--	20	OSHA 7	08/29/2002 JLS
Hexane	<20	--	--	20	OSHA 7	08/29/2002 JLS
Isopropylbenzene	<20	--	--	20	OSHA 7	08/29/2002 JLS
Methylene Chloride	<20	--	--	20	OSHA 7	08/29/2002 JLS
Pentane	<20	--	--	20	OSHA 7	08/29/2002 JLS
Styrene	<20	--	--	20	OSHA 7	08/29/2002 JLS
Tetrachloroethene	<20	--	--	20	OSHA 7	08/29/2002 JLS
Toluene	<20	--	--	20	OSHA 7	08/29/2002 JLS
Trichloroethene	<20	--	--	20	OSHA 7	08/29/2002 JLS
Xylenes, Total	<20	--	--	20	OSHA 7	08/29/2002 JLS

(a) Analysis indicates possible breakthrough; back section result is greater than % of the front section result.

General Notes:
<: Less than the indicated limit of detection (LOD).
--: Information not available or not applicable.
Back sections were checked and showed no significant breakthrough.

CITY_21MC100_003034064

NYC-WTC_000317026