



STATE OF MICHIGAN  
DEPARTMENT OF STATE POLICE  
FORENSIC SCIENCE DIVISION

Grand Rapids Forensic Laboratory  
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LABORATORY REPORT

Laboratory No. : NV20-41  
Investigating Ofcr. : Gary Harpe  
Agency : Hamburg Township Police Department  
Agency No. : 1900914  
Record No. : 1  
Date Received : January 10, 2020  
Time Received : 3:05 p.m.  
Date Completed : February 6, 2020

**Nature of Offense:**

2000-0 - Arson

**Suspect(s):**

Neumeier, Philip Gerhard

**Evidence Received:**

Container 1  
Item 1                    1- Sealed metal can labeled "Sample #1" with PR# 33768 containing:  
Charred wood  
Container 2  
Item 2                    1- Sealed metal can labeled "Sample #2" with PR# 33769 containing:  
Charred wood and debris  
Container 3  
Item 3                    1- Sealed metal can labeled "Sample #3" with PR# 33767 containing:  
Wood (comparison sample)

**Evidence Created in the Laboratory:**

Container 4                    1- Heat-sealed nylon package containing the unanalyzed portion of carbon extracts  
in glass vials

**Results:**

The volatile contents of Items 1 - 3 were extracted using a passive carbon adsorption/elution technique and analyzed by gas chromatography - mass spectrometry (GC-MS).

**No ignitable liquid residues were identified in Items 1 and 2 (Not Identified).**

**A medium aromatic product was identified in Item 3 (Identification).** Examples include, but are not limited to, some automotive parts cleaners, specialty cleaning solvents, insecticides and brush cleaners.

**Explanation of Terms:**

*The following descriptions are meant to provide context to the types of opinions reached in fire debris / ignitable liquid examinations.*

**Identification:** The sample contained an ignitable liquid or residues of an ignitable liquid.

*This report contains the conclusions, opinions, and/or interpretations of the laboratory analyst whose signature appears on this report. This analyst is qualified by education, training, and experience to perform this analysis and does so as part of his or her regular duties. The analysis was conducted in an MSP laboratory accredited under the ANAB International testing program since February 16, 2017.*

*The relevant supporting data upon which the expert opinion or inference was made are available for review/inspection.*

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Not Identified: Compounds were detected that may be present in some ignitable liquids. Possible factors that prevented identification of an ignitable liquid may include one or more of the following:

- The detected compounds may originate from substrate materials and/or pyrolysis of substrate materials
- Other compounds in the sample impeded data interpretation
- An unexplained absence of components and/or differences in ratios of compound types compared to a reference liquid was observed
- No comparable sample in the reference collection was found

Not Detected: The data did not indicate the presence of an ignitable liquid.

**Disposition of Evidence:**

The evidence was placed in storage but will be returned to the Michigan State Police Northville Forensic Laboratory at a later date for further disposition. The unanalyzed portion of the activated carbon extracts (Container 4) generated from this evidence will be returned with the evidence.



Eric M. Cervenak  
Forensic Scientist  
Trace Evidence Unit  
email: CervenakE@michigan.gov

February 6, 2020

cc: Hamburg Twp PD Agency

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