

# Sample Report of Forensic Examination

## Gunshot Residue and Distance Determination

**To:** \_\_\_\_\_ (e.g., Chief of Police) **Report Date:** \_\_\_\_\_  
\_\_\_\_\_ (address)  
\_\_\_\_\_ (city, state, zip)

**Attn:** \_\_\_\_\_ (e.g., Detective) **Agency Case No:** \_\_\_\_\_

**Re:** \_\_\_\_\_ **Suspect Name** **Lab File No:** \_\_\_\_\_  
\_\_\_\_\_ **Victim Name**  
\_\_\_\_\_ **Type of Violation**

**Examination Requested:** Gunshot Residues

### Items of Evidence Received

The following items of evidence were received from \_\_\_\_\_ (insert agency) in a sealed condition by \_\_\_\_\_ (registered mail, FedEx, UPS, etc.) on \_\_\_\_\_ (insert date) by \_\_\_\_\_ (insert title and name):

Item #	Item Description
#1	.380 Auto caliber Lorcin pistol. Model L380, serial number 123456, with magazine
#2	Bullet
#3	Cartridge case
#4	Jacket
#5	Raincoat
#6	Trousers
#7	Sweatshirt
#8	Shirt
#9	Cartridge
#10	Cartridge
#11	Cartridge
#12	Cartridge
#13	Cartridge
#14	Cartridge

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### Results of Examination

See the following sample report using the above noted evidence items.

Reports should also indicate if any submitted items were not examined and why (e.g., as a result of a conference with the lead investigator).

### ***The Contact Shot (Can Be Based on Physical Effects, the Modified Griess Test and the Sodium Rhodizonate Test)***

The area around the hole in the upper-left chest area of the Item #8 shirt was microscopically examined and chemically processed for the presence of gunshot residues. Physical effects and residues consistent with a contact shot were found.

### ***A Hole with a Pattern of Nitrite Residues (Based on the Modified Griess Test)***

The area around the hole in the upper right-arm area of the Item #4 jacket was microscopically examined and chemically processed for the presence of gunshot residues and a pattern of residues was found. Using the Item #1 revolver with

- the Item #9 through Item #14 cartridges (actual submitted evidence items if consistent with laboratory, investigative agency, and prosecutor's office policy),  
-OR-
- ammunition like the Item #9 through Item #14 cartridges (purchased for the case by the laboratory),  
-OR-
- with ammunition like that represented by the Item #2 bullet and the Item #3 cartridge case (based on a comparison of actual evidence items with reference files in the laboratory).

This pattern of residues was reproduced at a distance of between two and three feet.

### ***A Hole with Vaporous Lead Deposit or Scattered Nitrite Residues- A Maximum Distance Test (Based on the Modified Griess Test or the Sodium Rhodizonate Test)***

The area around the hole in the lower left back area of the Item #5 raincoat was microscopically examined and chemically processed for the presence of gunshot residues, and residue deposits were found. Using the Item #1 revolver with

- the Item #9 through Item #14 cartridges (actual submitted evidence items if consistent with laboratory, investigative agency and prosecutor's office policy),  
-OR-
- ammunition like the Item #9 through Item #14 cartridges (purchased for the case by the laboratory),  
-OR-
- with ammunition like that represented by the Item #2 bullet and the Item #3 cartridge case (based on a comparison of actual evidence items with reference files in the laboratory).

This residue was detected to a maximum distance of between four and six feet.

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### ***A Hole with Residue Consistent with the Passage of a Bullet/Bullet Wipe (Based on the Dithiooxamide Test and/or the Sodium Rhodizonate Test)***

The area around the hole in the front of the lower-left leg portion of the Item #6 trousers was microscopically examined and chemically processed for the presence of gunshot residues. Residues were found which are consistent with the passage of a bullet.

### ***Completely Negative Results (Based on All Tests Performed)***

The area around the hole in the left rear shoulder area of the Item #7 sweatshirt was microscopically examined and chemically processed for the presence of gunshot residues and none were found.

### **Disposition of the Evidence**

The submitted items will be retained in this laboratory until called for by a representative of your agency.

-OR-

The submitted items will be returned to your agency by (*registered mail, FedEx, UPS, etc.*).

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(Signature/ Title)

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