

GUIDELINES FOR GUNSHOT RESIDUE ANALYSIS RESULTS:

NOTE *** All results should be based on the examiners knowledge and experience and the case being examined. The following is a list of guidelines for reporting results of gunshot residue analysis. The examiner has the ultimate responsibility of conducting analyses deemed necessary and appropriate and reporting these results based on his findings and experience.

Report #1 should be used when the concentrations of barium, antimony and lead do not meet minimum gsr threshold levels.

Report #2 should be used when one or more of the elements barium, antimony and lead do not meet minimum gunshot residue threshold levels or one or more of the elements barium, antimony and lead are not in the proper distribution.

Report #2A should be utilized when the concentrations of barium, antimony and lead meet the minimum gsr threshold levels but one or more of the elements barium, antimony, or lead are not in the proper distribution.

Report #3 should be used when the concentrations of the elements barium, antimony and lead meet the minimum gunshot residue levels and all three elements are in the proper distribution on the handwipings of a subject suspected of discharging a firearm.

Report #3A should be used when the concentrations of the elements barium, antimony and lead meet minimum gunshot residue levels and all three elements are in the proper distribution on the handwipings of a subject who is the victim of a gunshot wound and/or is suspected of discharging a firearm.

Report #4 should be utilized when the examination of the adhesive lifts does not identify particles characteristic or unique to gunshot residue.

Report #5 should be used when the examination of the adhesive lifts identifies particles characteristic of gunshot residue (unique particles are not found).

Report #6 should be used when the examination of the adhesive lifts identifies particles unique to gunshot residue.

Report #7 should be used when it is noted that the handwiping procedure has been conducted utilizing wooden handled swabs.

Report #8 should be used when it is noted that the subject whose handwipings were collected had washed his hands after the discharge of the firearm and prior to the collection of the gunshot residue kit.

Report #9 should be used when it is noted that a time greater than four hours had elapsed from the time of the discharge of the firearm and the time the gunshot residue kit was collected (this applies only to live subjects).

Report #10 should be used when it is noted that proper procedures were not utilized in the collection of the gunshot residue kit.