

COLORIMETRY WORKSHEET

FS Lab # \_\_\_\_\_ Examiner \_\_\_\_\_ Date \_\_\_\_\_

INSTRUMENT STANDARD CONDITIONS: Minolta CR-221 Colorimeter, white calibration plate, 4 mm diameter measuring area, light source C (daylight overcast), 45° illumination, 0° viewing geometry (reflected light excluding specular component)

Describe Top Side and Bottom Side of EACH Item (Color and specify metallic/nonmetallic):

Item #                      Top Side                      Bottom Side

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DEPARTMENT

OF

Describe only the Sides analyzed (denote Reference Item# and Side with an "R"):

Item # and Side                      Area suitable for analysis (mm<sup>2</sup>)                      Surface features and comments (scratches, inclusions, discolorations, etc.)

FORENSIC SCIENCE

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Mean values from Reference Item: L\* \_\_\_\_\_ a\* \_\_\_\_\_ b\* \_\_\_\_\_

Item # and Side \_\_\_\_\_ Delta E (L\*a\*b\*) value (vs. Reference): \_\_\_\_\_

Item # and Side \_\_\_\_\_ Delta E (L\*a\*b\*) value (vs. Reference): \_\_\_\_\_

Item # and Side \_\_\_\_\_ Delta E (L\*a\*b\*) value (vs. Reference): \_\_\_\_\_

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