I. Scope: Scientific instrumentation for the visualization of natural and chemical luminescence of latent print impressions on physical evidence.

II. References:

1. Omnichrome Operating Manual
2. SPEX, Inc Operating Manual
3. Polilight Operating Manual
4. Coherent Operating Manual

III. Apparatus/Reagents:

IV. Safety Precautions:

- Lab Coat
- Safety filter goggles
- Gloves

This procedure does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this procedure to establish appropriate safety and health practices prior to use. Proper caution should be exercised and the use of personal protective equipment should be utilized to avoid exposure to various wavelengths of light. Laser light can cause eye damage in a short period of time, therefore, appropriate filter goggles should be worn at all times when light is emitting from the fiber optic cable.

V. Procedures:

1. Check instrument connection to electrical source.
2. Activate power and light source.
3. Select light source filter frequency (ALS).
4. Direct light wand towards evidence.
5. While wearing filter goggles, open the shutter and examine evidence for latent print luminescence. Close shutter when finished.
6. Record results of examination.

VI. Quality Assurance/Quality Control: Instrument should be maintained according to the manufacturer's instructions.