

Household Products As Possible Contaminants At Crime
Scenes: An Evaluation Using Two Lights Sources and Luminol

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Chambers

ALTERNATIVE
LIGHT SOURCE

LUMINOX

LASER

Food Cooked and Uncooked									
FOODSTUFF.....	TEXTURE.....	ALSWHOLE	ALSWIPED	LUMWHOLE	LUMWIPED	LASWIPED	LASWHOLE	COMMENTS.....	
"FIT" PRODUCE RINSE	LIQUID	No	Yes	No	No	Yes	No	LASER-MINIMAL FLUORE	
AMCXCILLIN	PASTE	No	Yes	No	No	Yes	No		
BABY FOOD - GERBER	PASTE	No	Yes	No	No	Yes	No		
BANANA (WHOLE)	RAW	No	Yes	No	No	No	No		
BANANA PEEL	RAW	No	Yes	No	No	No	No		
BBQ SAUCE, HUNTS	PASTE	No	Yes	No	No	Yes	No		
BREAD	COOKED	No	No	No	No	No	No		
BREAD - SOURDOUGH	COOKED	No	No	No	No	No	No		
CABBAGE, CHINESE	RAW	No	Yes	No	Yes	Yes	No		
CARROTS	RAW	No	Yes	No	Yes	No	No		
CAT FOOD, NATURAL CH	PASTE	No	Yes	No	Yes	Yes	No		
CHEESE BALL	RAW	No	Yes	No	No	Yes	No		
CHICKEN SKIN	COOKED	No	Yes	No	Yes	Yes	No		
CHILE, HOMEMADE, W/B	PASTE	No	Yes	No	Yes	Yes	No	TOMATOS, BEANS, SPICES	
COFFEE, CHASE N SANB	RAW	No	No	No	No	No	No		
COTTAGE CHEESE, NORD	PASTE	No	Yes	No	No	Yes	No	LOWFAT	
DIP, HIDDEN VALLEY R	PASTE	No	Yes	No	No	Yes	No	RANCH JALAPENO DIP	
DOG FOOD (CANNED)	RAW	No	Yes	No	No	Yes	No		
DOG FOOD - PRO VISIO	GRANULAR	No	No	No	No	No	No		
FAJITA SEASONING, LAW	GRANULAR	No	No	No	No	No	No		
FLOUR, WHITE	GRANULAR	No	No	No	No	No	No		
GRAPEFRUIT JUICE, TRO	LIQUID	No	Yes	No	No	No	No		
GRAVY	COOKED	No	Yes	No	No	Yes	No		
GRAVY	COOKED	No	Yes	No	No	Yes	No		
GRAVY - MUSHROOM	COOKED	No	Yes	No	No	No	No		
GUACAMOLE, HOMEMADE	PASTE	No	Yes	No	Yes	Yes	No	LEMON JUICE, GREEN CH	
GUINEA PIG FOOD	GRANULAR	No	No	No	No	No	No		
HAM	COOKED	No	Yes	No	No	Yes	No		
HERMIT CRAB MEAL	RAW	No	Yes	No	No	No	No		
HOT DOG-BAR S BEEF B	RAW	No	Yes	No	Yes	Yes	No		
HOT SAUCE, LA COSTEN	LIQUID	No	Yes	No	No	Yes	No		
HOT SAUCE, RED, JAR	RAW	No	Yes	No	No	Yes	No		
IGUANA CHOW	GRANULAR	No	No	No	No	No	No		
JELLY, CONCORD GRAPE	PASTE	No	Yes	No	No	No	No		
JUICE, PURPLE PLUM	LIQUID	No	Yes	No	No	No	No		
KALE - YELLOWING	RAW	No	Yes	No	No	Yes	No		
LEMON JUICE, REALLEM	LIQUID	No	Yes	No	No	Yes	No		
HASHED POTATOS	COOKED	No	Yes	No	No	Yes	No		
MEATLOAF	COOKED	No	Yes	No	Yes	No	No		
MEATLOAF	COOKED	No	Yes	No	Yes	No	No		
MINUTE RICE	COOKED	No	Yes	No	No	No	No		
MIRACLE WHIP	PASTE	No	Yes	No	No	No	No		
MUSTARD, PLOCHMAN'S	PASTE	No	Yes	No	No	Yes	No		
MUSTARD, SWEET & HOT	PASTE	No	Yes	No	No	No	No	DYNASTY	
NOODLES	COOKED	No	Yes	No	Yes	Yes	No		
OATS	GRANULAR	No	No	No	No	No	No		
ORANGE	RAW	No	Yes	No	No	No	No		
PERSIMON PUDDING	GRANULAR	No	Yes	No	No	No	No		
PIZZA (LEFTOVERS)	COOKED	No	Yes	No	No	Yes	No		
FORK GRAVY	COOKED	No	Yes	No	No	Yes	No		
POTATO (BOILED)	COOKED	No	Yes	No	No	Yes	No		
POTATO SKIN	RAW	No	Yes	No	No	No	No		
PUDDING/CUSTARD ???	RAW	No	Yes	No	No	Yes	No		
Parakeet Food (Seed)	RAW	No	No	No	No	No	No		
RADISH	RAW	No	Yes	No	No	Yes	No		
REFRIED BEANS	COOKED	No	Yes	No	No	Yes	No		
RICE VINEGAR, MARUKA	LIQUID	No	Yes	No	No	No	No	ALS-MINIMAL FLUROESC	
SALAD DRESSING, ITAL	RAW	No	Yes	No	No	Yes	No		
SALAD DRESSING??, JA	RAW	No	Yes	No	No	Yes	No		
SESAME OIL, DYNASTY	LIQUID	No	Yes	No	No	No	No		
SOUP, MINESTRONE, CAM	RAW	No	Yes	No	No	Yes	No		
SOY SAUCE, LITE, LA	LIQUID	No	Yes	No	No	Yes	No		
SPAGHETTI	COOKED	No	Yes	No	No	No	No		
SPAGHETTI NOODLES	COOKED	No	Yes	No	No	No	No		
SPAGHETTI SAUCE	COOKED	No	Yes	No	No	Yes	No		
SPAGHETTI SAUCE	PASTE	No	Yes	No	No	Yes	No		
STEAK	COOKED	No	Yes	No	Yes	No	No		
SWEET PEAS - CANNED	RAW	No	Yes	No	No	Yes	No		
TOBACCO SAUCE MCLINE	LIQUID	No	Yes	No	No	No	No		
TOFU	PASTE	No	Yes	No	No	No	No		
TOOTH PASTE, CREST, FAR	PASTE	No	Yes	No	No	Yes	No		
TUNA, MAYONAISE, DILL	PASTE	No	Yes	No	No	Yes	No	STARKIST TUNA, MAYO,	
WAFER, MOTHER'S BATH	RAW	No	No	No	No	No	No		
WAFFLE	COOKED	No	No	No	No	No	No		

Food Cooked and Uncooked

FOODSTUFF.....	TEXTURE.....	ALSWHOLE	ALSWIPED	LUMWHOLE	LUMWIPED	LASWIPED	LASWHOLE	COMMENTS.....
WHIPPING CREAM, HEAV	PASTE	No	Yes	No	No	No	No	LUCERNE
WINE, E & J GALLO, G	LIQUID	No	No	No	No	No	No	
YOGURT WITH STRAWBER	PASTE	No	Yes	No	No	No	No	
YOGURT, YOPLAIT	PASTE	No	Yes	No	No	Yes	No	LIGHT PEACH
ZUCCHINI	RAW	No	Yes	No	No	Yes	No	

Solid Luminol →

Luminol H₂O₂ NaOH

3.

Household Cleaning and Laundry Products

NAME.....	TYPE.....	TEXT..	LUMRXN	COLOR.....
Clorox	Bleach-regular	Liquid	Yes	Clear
Clorox	Bleach-regular	Liquid	Yes	Clear
Clorox	Bleach-regular	Liquid	Yes	Clear
Clorox	Bleach-regular	Liquid	Yes	Clear
Arm & Hammer	Bleach	Powder	No	White with blue flec
Clorox 2	Bleach	Liquid	No	Opaque blue
Clorox 2	Bleach-color	Powder	No	Blue with blue fleck
Colorox Cleanup	Bleach-Cleanser	Powder	Yes	Clear
K-Mart	Disinfectant	Liquid	No	Clear light yellow b
Surf	Detergent	Powder	No	Clear dark blue gree
Ultra Purex	Detergent	Powder	No	White
Ultra Tide	Detergent	Liquid	No	Clear yellow brown
Arm & Hammer	Detergent	Liquid	No	Clear dark blue
Tide w/bleach Altern	Detergent	Powder	No	Clear dark blue
Ultra Surf	Detergent	Powder	No	White with green fle
Goodday Laundry Dete	Detergent	Powder	No	Opaque white
Ivory Snow	Laundry Soap	Powder	No	White
White King	Laundry Soap	Powder	No	White
Dawn Mountain Spring	Dish Soap	Liquid	No	Clear green
Dawn Dish Detergent	Dish Soap	Liquid	No	Clear green
Palmolive	Dish Soap	Liquid	No	Clear light green
Palmolive	Dish Soap	Liquid	No	Clear green
Joy Dish Detergent L	Dish Soap	Liquid	No	Clear light yellow
Ivory Dishwashing Li	Dish Soap	Liquid	No	Clear
Ivory Dishwashing Li	Dish Soap	Liquid	No	Opaque white
Sunlight w/ Lemon Ju	Dish Soap	Liquid	No	Clear light yellow
Ivory Clear	Dish Soap	Liquid	No	Clear
Dawn Lemon	Dish Soap	Liquid	No	Clear yellow
Snuggle	Fabric Softener	Liquid	No	Opaque blue
Ultra Downy	Fabric Softener	Liquid	No	Opaque blue
Ajax	Cleaner	Powder	No	White
Miracle All Purpose	Cleaner	Liquid	No	Clear fluorescent ye
Spic N' Span Cleanse	Cleaner	Powder	No	Light green
Hartz Pet Stain Pine	Cleaner	Liquid	No	Clear
Cinch Multi Surface	Cleaner	Liquid	No	Clear
Cinch Multi Surface	Cleaner	Liquid	No	Clear
Cinch Multi Surface	Cleaner	Liquid	No	Clear
Simple Green	Cleaner	Liquid	No	Clear dark green
409	Cleaner	Liquid	No	Clear light green
409	Cleaner	Liquid	No	Clear light blue gre
409	Cleaner	Liquid	No	Clear light green
Urine-X	Cleaner	Liquid	No	Opaque white
Lysol	Cleaner	Liquid	No	Clear fluorescent ye
Clear Magic	Cleaner	Liquid	No	Clear
Shower Power	Cleaner	Liquid	No	Clear dark blue
Mr. Clean	Cleaner	Liquid	No	Clear fluorescent ye
Shout	Cleaner	Liquid	No	Opaque white
Shout L. Stain Remov	Cleaner	Liquid	No	Opaque white
Shout	Cleaner	Liquid	No	Opaque white
Surf	Cleaner	Liquid	No	Clear blue green
Spray N' Wash L. Stai	Cleaner	Liquid	No	Clear light blue gre
Spray N' Wash	Cleaner	Liquid	No	Clear light blue gre
Spray N' Wash	Cleaner	Liquid	No	Clear
Spic N' Span Pine Cl	Cleaner	Powder	No	Clear light yellow b
Scratch Guard Bath &	Cleaner	Liquid	No	Clear green
Mrs. Stewart's Bluin	Cleaner	Liquid	No	Dark blue
Texize Spray N' Wash	Cleaner	Liquid	No	Clear
Windex	Cleaner	Liquid	No	Clear blue
Scrub Free	Cleaner	Liquid	No	Clear green
Texize Spray N' Star	Cleaner-starch	Liquid	No	Clear light blue gre
Murphy's Oil Soap	Cleaner	Liquid	No	Clear light yellow b
Murphy's Oil Soap	Cleaner	Liquid	No	Clear yellow brown
Mechanics Choice	Cleaner	Liquid	No	Clear light yellow b
Tilex	Cleaner	Liquid	Yes	Clear
Fantastic	Cleaner	Liquid	No	Clear light yellow
Lysol Cling Toilet &	Cleaner	Liquid	No	Clear dark blue
Glass Plus	Cleaner	Liquid	No	Clear blue
Comet Scrub Powder	Cleaner	Powder	Yes	White
Tackle w/bleach	Cleaner	Liquid	Yes	Clear
Cascade New White	Dishwasher soap	Powder	Yes	White
Sunlight Gel	Dishwasher soap	Liquid	Yes	Opaque light yellow
Bounce	Dryer sheet	Sheet	No	White
Downy	Dryer sheet	Sheet	No	Blue
Purex Toss'n Soft	Dryer sheet	Sheet	No	Pink

4.

Household Cleaning and Laundry Products

NAME.....	TYPE.....	TEXT..	LUMRXN	COLOR.....
Cling Free	Dryer sheet	Sheet	No	Light blue
Snuggle Morning Fres	Dryer sheet	Sheet	No	Light yellow
Blade-Nature's Colle	Carpet cleaner	powder	No	White
Rug Doctor	Carpet cleaner	Liquid	No	Clear
H & R Concentrate	Rug cleaner	liquid	No	Clear light blue gre
Rug Doctor Steam Cle	Rug cleaner	liquid	No	Clear
Resolve Carpet Clean	Rug cleaner	Liquid	No	Clear
Carpet Science	Rug cleaner	Powder	No	Clear
H & R Steam Concentr	Rug cleaner	Liquid	No	Clear light blue gre
Resolve Carpet Clean	Rug cleaner	Liquid	No	Clear
McLaleuca Dish Soap	Dish Soap	Liquid	No	Clear
Arm & Hammer Laundry	Detergent	Powder	No	White
McLaleuca Laundry De	Detergent	Liquid	No	Clear blue
McLaleuca	Disinfectant	Liquid	No	Clear yellow
Colorox	Bleach-regular	Liquid	Yes	Clear
Biz Bleach	Bleach	Powder	No	White-blue granules
Shout	Cleaner	Liquid	No	Opaque white
Sunlight Dish Soap	Dish Soap	Liquid	No	Yellow clear
Clorox Bleach	Bleach	Liquid	Yes	Clear
Murphy's Oil Soap	Cleaner	Liquid	No	Yellow-brown
Woolite	Cleaner	Liquid	No	Yellow-brown
Rug Doctor Steam Det	Rug cleaner	Liquid	No	Clear
S.O.S Kitchen Safe C	Cleaner	Liquid	No	Rose-peach
Pledge Household Cle	Cleaner	Liquid	No	Clear
Simple Green	Cleaner	Liquid	No	Clear dark green
Electrolux Turbo Sha	Rug Cleaner	Liquid	No	Clear
Palmolive Sensitive	Dish soap	Liquid	No	Clear
Skaggs Alpha Beta Sh	Dryer Sheet	Sheet	No	White

5.

ITEM.....	TEXTURE.....	ALSWET	ALSORY	LUMWET	LUMDRY	LASWET	LASDRY	COMMENTS.....
ACETAMENOPHEN, EQUAT	POWDER	No	No	No	No	No	No	TABLET FORM
AHA FOR FACE	LIQUID	No	No	No	No	No	No	VISCOUS TEXTURE, OPA
AHA FOR FACE	GEL	No	No	No	No	No	No	WHITE LOTION LIKE
ANTIBIOTIC OINTMENT	PASTE	No	No	No	No	No	No	"MAJOR QUALITY", 8 B
BABY MAGIC W/OATMEAL	POWDER	No	No	No	No	No	No	
BABY OIL, JOHNSON-JO	LIQUID	No	No	No	No	No	No	
BABY OIL, JOHNSON-JO	LIQUID	No	No	No	No	No	No	
BLUSH	POWDER	No	No	No	No	No	No	MAROON
BODY LOTION	GEL	No	No	No	No	No	No	
BODY POWDER	POWDER	No	No	No	No	No	No	WHITE
BRONZING POWDER	POWDER	No	No	No	No	No	No	BRONZE
CHEEK BASE	PASTE	No	No	No	No	No	No	MAUVE COLOR
CLAY FACE MASK	PASTE	No	No	No	No	No	No	LIGHT BLUE-GREEN COL
COLD CREAM, POND'S	PASTE	No	No	No	No	No	No	
COVERUP BASE	GEL	No	No	No	No	No	No	SKIN TONE
CUTICLE CREAM	GEL	No	Yes	No	No	No	No	LIGHT PINK,MANY BUBB
DEODORANT	POWDER	No	No	No	No	No	No	
DEODORIZER, ARM & H	POWDER	No	No	No	No	No	No	CAT LITTER BOX DEORD
DERMA SHIELD-(BENCHM	GEL	No	No	No	No	No	Yes	
ELMER'S GLUE ALL	LIQUID	No	No	No	No	No	No	
EXEGEL	GEL	No	No	No	No	No	No	
EYE DROPS, TEARS NAT	LIQUID	No	No	No	No	No	No	BLUE
EYE SHADOW	POWDER	No	No	No	No	No	No	COPPER COLOR
EYESHADOW	POWDER	No	No	No	No	No	No	LIGHT TAN,SKIN COLOR
FACE POWDER	POWDER	No	No	No	No	No	No	LIGHT BLUE COLOR
FACIAL CLEANSING GEL	GEL	No	Yes	No	No	No	No	VERY LIGHT BLUE COLO
FACIAL GEL, OIL FREE	GEL	No	No	No	No	No	No	
FACIAL TONER	LIQUID	No	Yes	No	No	No	No	
FOUNDATION	PASTE	No	No	No	No	No	No	SKIN TONE
FREEZONE SOLUTION	LIQUID	No	Yes	No	No	No	Yes	LIGHT BROWN COLOR/RE
HAIR COLOR, COLOR PL	LIQUID	No	No	No	No	No	Yes	DARK BROWNISH GOLD/R
HAIR CONDITIONER	GEL	No	No	No	No	No	No	
HAIR DETANGLER, AUSS	LIQUID	No	No	No	No	No	No	
HAIR SPRAY - VIDAL S	LIQUID	No	No	No	No	No	No	
HAIR SPRAY, CLAIROL	LIQUID	No	No	No	No	No	No	EXTRA HOLD, UNSCENTE
HAIR SPRAY, JHIRMACK	LIQUID	No	No	No	No	No	No	EXTRA HOLD
HAND LOTION	PASTE	No	No	No	No	No	No	
HYDROGEN PEROXIDE,CR	LIQUID	No	No	No	No	No	No	
K-Y JELLY	GEL	No	Yes	No	No	No	No	ALS-WEAK FLUORESCENC
LIPSTICK	PASTE	No	No	No	No	No	No	MAROON
LIPSTICK	PASTE	No	No	No	No	No	Yes	PINK
LISTERMINT	LIQUID	No	Yes	No	No	No	Yes	LIGHT BLUE-GREEN COL
LOTION, DARK TANNING	PASTE	No	No	No	No	No	No	BANANA BOAT
LUBRIDERM LOTION	GEL	No	Yes	No	No	No	No	ALS-WEAK FLUORESCENC
MAKEUP	PASTE	No	No	No	No	No	No	SKIN TONE
MAKEUP, LOREAL	PASTE	No	No	No	No	No	No	HYDRA PERFECT, CREAM
MASCARA	POWDER	No	No	No	No	No	No	BLACK COLOR
MELALUCA, PAIN-A-TRA	LIQUID	No	No	No	No	No	No	LIGHT BLUE COLOR
MOISTURIZER, LANCOME	GEL	No	Yes	No	No	No	No	TRANS HYDRIX
MOUTHWASH, LISTERINE	LIQUID	No	Yes	No	No	No	No	AQUA COLOR
NAIL POLISH REMOVER	LIQUID	No	No	No	No	No	No	LIGHT BLUE-AQUA COLO
PERFUME, LOVES	LIQUID	No	No	No	No	No	No	GOLD COLOR
PEROXIDE, 3%	LIQUID	No	No	No	No	No	No	
SHAMPOO	GEL	No	No	No	No	No	No	GREEN
SIMPLY STRAIGHT HAIR	LIQUID	No	No	No	No	No	No	
SKIN CLEANER, NOXEMA	LIQUID	No	No	No	No	No	No	
SOAP - SAFEGUARD	GEL	No	Yes	No	No	No	Yes	REACTS AT 485 NM WIT
SOAP, HAND, SEROLOGY	GEL	No	Yes	No	No	No	Yes	YELLOW COLOR/REACTS
SOAP,HAND,MEN'S ROOM	GEL	No	Yes	No	No	No	Yes	LIGHT PINK COLOR/REA
SPORTSCREME	GEL	No	No	No	No	No	No	LIGHT GREEN COLOR
SPRAY, POTPOURRI, GLA	LIQUID	No	No	No	No	No	No	VANILLA SCENT
TALC, AVON, SKIN SO	POWDER	No	No	No	No	No	No	
TOOTH POWDER,ARM & H	POWDER	No	No	No	No	No	No	DENTAL CARE/REACTS A
TOOTHPASTE, METADENT	GEL-PASTE	No	Yes	No	No	No	Yes	WHITE COLOR,SEPARATE
TYLENOL, EXTRA STREN	LIQUID	No	No	No	No	No	No	GREEN COLOR
VASELINE INTENSIVE C	GEL	No	Yes	No	No	No	Yes	HAND AND NAIL FORMUL