



## LABORATORY CASE NOTES

### APPENDIX - ABBREVIATIONS

Below are examples of abbreviations and their meanings. As part of the note taking process, **use these abbreviations as part of your notes**. Abbreviations are a convenient way of taking notes as long as others can understand them for peer review. Often maintaining a list of them will help you to remember the abbreviations in the future.

Abbreviation	Description of Abbreviation
# or No.	Number
↯, +, or &	And or plus
//	Parallel
⊥	Perpendicular
~	About or approximately
+Pol	Crossed polarisers
\$	dollar
%	Percent
@	at
<	Less than
>	Greater than
≈	Approximately equals
→	Going to or transition to or into
↑	Increase or upward
↓	Decrease or downward
ACS	Activated charcoal strip
ASDS	Annular stop dispersion staining
approx	Approximately
ATR	Attenuated Total Reflectance
B	Birefringence
Bk	Becke line
bkgd	Background
blk	Black or blank
BPB	Brown paper bag



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brn	Brown
c/	Contains or containing
CHCl <sub>3</sub>	Chloroform
CoE	Coin envelope
conc or [ ]	Concentrate, concentrated or concentration
cont'd	Continued
contr	contrast
CoSCN	Cobalt thiocyanate color test
cpb	Clear plastic bag
cpzlb	Clear plastic zip-lock bag
CS <sub>2</sub>	Carbon disulfide
CSDS	Central stop dispersion staining
c-stub	carbon stub (for SEM work)
ctrl	Control
dept	Department
DI	Deionized
DK	Dille-Koppanyi color test
EDX	Energy dispersive x-ray spectroscopy/spectrometer
EDS	Energy dispersive spectroscopy/spectrometer
EE	Evidence envelope
Env	Envelope
EtOH	Ethanol
Ev	Evidence
Evap	Evaporate or evaporated
Evap'n	Evaporation
F with number after	Feature number from SEM-EDX program
F ↑	Focusing up
FID	Flame ionization detector
FIT	Flame ignition test
frag	Fragment
FTIR	Fourier transform infrared spectrometer



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g	Grams
gal	Gallon
GC	Gas chromatograph
GC/MS	Gas chromatograph mass spectrometer
(grn)	Green
gs	Gum sealed
GSR	Gunshot residue
H <sub>2</sub> O	Water
H <sub>2</sub> PtCl <sub>6</sub>	Chloroplatinic acid
H <sub>2</sub> SO <sub>4</sub>	Sulfuric acid
HCl	Hydrochloric acid
hex	Hexagonal
hrs	Hours
hs	Heat sealed
hvy	Heavy
ICE	Incoming evidence
i-PrOH	Isopropyl alcohol
LASD	Los Angeles Sheriff Department
liq	Liquid
Lt ( or lt)	Left or light (not heavy)
Marquis	Marquis color test
ME	Manila envelope
med	Medium
MeOH	Methanol
MFLC	Metal friction lid can
mg	Milligram
ml or mL	milliliter
mm	millimeter
nD	Refractive index liquid at the D line of Sodium
NE	Not examined



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NEF	Not examined further
NONA	Not Opened Not Analyzed
op	Opened
OS	Optic Sign
QC	Quality control sample
PD	Police Department
Pet Ether	Petroleum ether
pg	Page
PLM	Polarized/polarizing light microscope
ppt	Precipitate
Prep'd	Prepared
pt	Pint
pzlb	Plastic zip-lock bag
qt	Quart
rec'd	Received
rgt	Reagent
rhomb	rhombohedral
rm	Room
Rt or rt	Right
rta	Return to agency
rte	Return to Evidence section
rtp	Return to property
rxn	Reaction
sat	Saturated
SEM	Scanning electron microscope
SLM	Stereo light microscope
sol'n	Solution
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">sph</span>	Spherical
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">sts</span>	Staple sealed
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">T</span>	Then



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TS	Tape sealed
u	Micro
ug	Microgram
ul or uL	Microliter
um	Micrometer
uns	Unsealed
uSlide	Microscope slide
UV	Ultra violet
UV-Vis	Ultra violet and visible light
uxtl	Microcrystal
Vis	Visible light
w/ or w-	With
wht	White
wt	Weight
x	Used on right side of a number signifies times
xtl	Crystal/particle
xtln	Crystalline
xtls	Crystals
xtn	Extinction
xtr/xtrn	Extract or extraction
XRF	X-ray Fluorescence spectroscopy/spectrometer
Chemical Symbols	Chemical symbols of the periodic table