



# TENNESSEE BUREAU OF INVESTIGATION

## Forensic Services Division

### Microanalysis Quality Assurance Manual

### Abbreviations

#### Abbreviations

Abbreviations used by all the examiners in the Microanalysis section are provided in this document. Commonly accepted abbreviations are those readily recognizable to a reviewer and do not need to be listed. This includes those for measuring, common grammatical abbreviations, or the chemical symbols for elements. Chemical formulas do not need to be listed as abbreviations, but shorthand notations (such as DPA) must.

If an examiner uses an abbreviation that is not provided in the list, a reference should be included in the case notes when first used and from then on the abbreviation is acceptable for that document only.

Abbreviations for agencies (such as MNPd for Metropolitan Nashville Police Department) may be used if the agency is identified on the submittal form. The abbreviation is valid for that case file.

If any of the examiners want an abbreviation added to the list a request should be submitted to the supervisor of the Microanalysis section for amendment of the abbreviation list.

Abbreviations (not case-sensitive):

~	About or approximately
& (symbols)	And
@	At
∴	Therefore
Add'l	Additional
Approx.	Approximately
Approp.	Appropriately
Arom	Aromatic Product
A/E	Adsorption Elusion
ACS	Activated Charcoal Strip(s)
AF1	Air Force One
BCL	Bar Code Label
BPB	Brown Paper Bag
BPP	Brown Paper Package
Blk	Black
Bl	Blue
B&W	Black and white
C	Contents
CP	Crossed Polars

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Cont.	Containing
-c	With
Cart.	Cartridge
CC	Cartridge case(s)
Cert.	Certified
CET	Clear Evidence Tape
Co.	County
Con.	Consistent
C22	Docosane
Char.	Characteristics
Comp.	Comparison
CRC	ASTM 1618 Column Resolution Test Mixture
CS	Ortho-chlorobenzalmalononitrile
CN	Alpha-chloroacetophenone
Del.	Delustrant
Dia.	Diameter
Dept.	Department
D.S.	Driver Side
Desc.	Description
DPA	Diphenylamine
EtOH	Ethanol
Egas	Evaporated Gasoline
Ex.	Exhibit(s)
E.T.	Evidence Tape
Evid. Tape	Evidence Tape
Evid.	Evidence
Extr	Extract/Extraction
Frag.	Fragment(s)
FTIR	Fourier Transform Infrared Spectrometer
Fb	Fiber
F.D.	Fire Department
Fed.	Federal
FM	Fracture match
Gas	Gas Range product(s)
GC/MS	Gas Chromatograph/Mass Spectrometer
GSR	Gunshot residue
GSR/SEM	Gunshot residue by Scanning Electron Microscope
HPD	Heavy Petroleum Distillate
Int.	Initialed
Ini.	Initials

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Inc	Inconclusive
Inconc	Inconclusive
Incon.	Inconsistent
Isopar	Isoparaffinic range product
I.C.	Inner Container
ICP-MS	Inductively Coupled Plasma Mass Spectrometer
I.D.	Identification
I.P.	Inner Packaging
Ind.	Individual
Imp.	Impression
ISTD	Internal Standard
JCL	Jackson Crime Laboratory
K	Known
KCL	Knoxville Crime Laboratory
LPD	Light Petroleum Distillate
LB	Left Back
LP	Left Palm
Lg.	Large
L.	Left
Lt.	Light
MCL	Memphis Crime Laboratory
Mic./Micro	Microscope/Microscopic
Morph.	Morphology/Morphological
Microspec	Microspectrophotometer
MeOH	Methanol
Med.	Medium
MPD	Medium Petroleum Distillate
M.E.	Medical Examiner
Manu.	Manufacturer
N/A	Not applicable
NCL	Nashville Crime Laboratory
N alk or N alkane	Normal Alkane Product
Neg. or -	Negative
#	Number
Naph/para or N/P	Naphthenic/Paraffinic range product
NC	Negative control
O.P.	Outer Packaging
O.C.	Outer Container
OC	Capsaicin (oleoresin capsicum)

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Opt.	Optical
OT	Original Topcoat
OU	Original Undercoat
Oxy	Oxygenated Product
P.S.	Passenger Side
P.B.	Plastic Bag(s)
Plb	Plastic Bag(s)
Poss.	Possible
Pt.	Pint(s)
PEB	Plastic evidence bag(s)
Pass.	Passenger
+	Positive
Pos.	Positive
Pol.	Polarizing
P.D.	Police Department
Phy.	Physical
PHC	Physical comparison
Photo	Photograph(s)
Qt.	Quart(s)
Q	Question
R	Right
RB	Right Back
R.I.	Refractive Index
RP	Right Palm
RT	Repaint topcoat
RU	Repaint undercoat
R-P	Remington-Peters
Rev.	Revolver
RBS	Reddish brown stain
SAM	Standard Accelerant Mixture
sw	Sealed with
SEM	Scanning Electron Microscope
SEM/EDS	Scanning Electron Microscope/Energy Dispersive Spectrometer
S.D.	Sheriff's Department
S.O.	Sheriff's Office
SA	Semi-Automatic
SFMO	State Fire Marshal's Office
S	Subject
Sub.	Subject
Subj.	Subject

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**Microanalysis Quality Assurance Manual**  
**Abbreviations**

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Sm.	Small
SOP	Standard Operating Procedure
SEM/EDX	Scanning Electron Microscope/Energy Dispersive X-ray
SICAR	Shoepoint Image Capture and Retrieval
S,S & T.D.	Size, shape and tread design
SP	Shoe Print
STD	Standard
Syn.	Synthetic
Temp.	Temperature
Terp	Terpenes
T.T.	Transparent tape
T.D.	Tread design
T.R.	Technical Review
?	Unknown
UV	Ultra Violet
w/	With
WI	Written information
√	Verified
V	Victim
Vic.	Victim
Vol.	Volume
Var.	Variation
Win.	Winchester
Xtal	Crystal
XRD	X-Ray Diffraction
X	Times
ZI	Ziplock bag