

*Approved by Director: Dr. Guy Vallaro***A. PURPOSE:**

This procedure describes/defines abbreviations which can be used within casework documentation (e.g., case notes, worksheets) and/or within reports found within the Chemistry Unit. While most of the abbreviations are commonly found within documentation associated within the Chemistry Unit, the listed abbreviations may not always be found in casework and some have been added for future use.

B. RESPONSIBILITY:

All analysts assigned to the Chemistry Unit

C. ABBREVIATIONS:

1. GC/MS: gas chromatography/mass spectrometry
2. GC: gas chromatograph or gas chromatography
3. MS: mass spectrometer or mass spectrometry
4. MSD: mass selective detector
5. TIC: total ion chromatogram
6. SIM: selected ion monitoring
7. IC: ion chromatography
8. Char tube: charcoal tube adsorption/elution extraction technique
9. QA/QC: quality assurance/quality control
10. JT: JusticeTrax
11. FTIR: Fourier-transform infrared spectrophotometer
12. lpd: light petroleum distillate
13. mpd: medium petroleum distillate
14. hpd: heavy petroleum distillate
15. cs₂: carbon disulfide
16. SEM: scanning electron microscopy
17. EDS: energy dispersive X-ray spectroscopy
18. GSR: gunshot residue
19. BE: backscatter electron

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- 20. SEI: secondary electron imaging
- 21. keV: kilo-electron volt
- 22. cm^{-1} : reciprocal centimeters

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Revision #

Revision History

- | <u>Revision #</u> | <u>Revision History</u> |
|-------------------|---|
| 2 | Made slight grammatical modifications. Updated the purpose section. Added abbreviations to the list. Added revision history to the procedure. |

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