

Controlled Substances Training Manual

1.0 Purpose The following manual is to be used as a guide in training new criminalists in the analysis of controlled substances. It may be used in its entirety or for just the sections of interest. Where appropriate, each individual analytical section or subsection will refer to the corresponding section in the Standard Operating Procedure (SOP) manual.

2.0 Procedure

As training in each section is started both the trainer and the analyst will initial on the line provided. The date each subsection is completed will be recorded in the appropriate box. Once training is complete then the analyst will get a copy of this form and the original will go to the QA/QC manager to be kept with the analysts other training records.

3.0 Marijuana

	Analyst _____	Trainer _____
3.1 Background reading	<input type="checkbox"/>	<input type="checkbox"/>
3.2 Microscopic examination		
3.2.1 Cystolithic and unicellular hairs	<input type="checkbox"/>	<input type="checkbox"/>
3.2.2 Seeds	<input type="checkbox"/>	<input type="checkbox"/>
3.3 Duquenois-Levine	<input type="checkbox"/>	<input type="checkbox"/>
3.4 Thin Layer Chromatography (TLC)	<input type="checkbox"/>	<input type="checkbox"/>
3.5 Hashish and Pipes	<input type="checkbox"/>	<input type="checkbox"/>
3.6 Competency Test	<input type="checkbox"/>	<input type="checkbox"/>
3.7 Mock Court	<input type="checkbox"/>	<input type="checkbox"/>
3.8 Cosigned Case Review	<input type="checkbox"/>	<input type="checkbox"/>

4.0 Solid Dosage Drugs

Analyst _____ Trainer _____

	Analyst	Trainer
4.1 Background reading	<input type="checkbox"/>	<input type="checkbox"/>
4.2 Hewlett-Packard GCMS tutorial	<input type="checkbox"/>	<input type="checkbox"/>
4.3 Nicolet FTIR tutorial	<input type="checkbox"/>	<input type="checkbox"/>
4.4 Chemical color (spot) tests	<input type="checkbox"/>	<input type="checkbox"/>
4.5 Phenethylamine family		
4.5.1 GCMS	<input type="checkbox"/>	<input type="checkbox"/>
4.5.2 FTIR	<input type="checkbox"/>	<input type="checkbox"/>
4.5.3 Microcrystalline	<input type="checkbox"/>	<input type="checkbox"/>
4.6 Cocaine family		
4.6.1 GCMS	<input type="checkbox"/>	<input type="checkbox"/>
4.6.2 FTIR	<input type="checkbox"/>	<input type="checkbox"/>
4.7 Opiates		
4.7.1 GCMS	<input type="checkbox"/>	<input type="checkbox"/>
4.7.2 FTIR	<input type="checkbox"/>	<input type="checkbox"/>
4.8 Mushrooms		
4.8.1 Spot Test	<input type="checkbox"/>	<input type="checkbox"/>
4.8.2 GCMS	<input type="checkbox"/>	<input type="checkbox"/>
4.8.3 TLC	<input type="checkbox"/>	<input type="checkbox"/>
4.9 Pills, LSD, and general unknowns		
4.9.1 References i.e. PDR, LOGO, etc.	<input type="checkbox"/>	<input type="checkbox"/>
4.9.2 GCMS	<input type="checkbox"/>	<input type="checkbox"/>
4.10 Clandestine Laboratory Analysis (common)		
4.10.1 Selection sequence	<input type="checkbox"/>	<input type="checkbox"/>
4.10.2 Phosphorus	<input type="checkbox"/>	<input type="checkbox"/>
4.10.3 Iodine	<input type="checkbox"/>	<input type="checkbox"/>
4.10.4 Pseudoephedrine and or ephedrine	<input type="checkbox"/>	<input type="checkbox"/>
4.10.5 Methamphetamine	<input type="checkbox"/>	<input type="checkbox"/>
4.11 Competency test	<input type="checkbox"/>	<input type="checkbox"/>
4.12 Mock court	<input type="checkbox"/>	<input type="checkbox"/>
4.13 Cosigned Cases	<input type="checkbox"/>	<input type="checkbox"/>

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