

## Section Five

### Quality Assurance

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#### 5.7 Toxicology Proficiency Tests

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##### 5.7.1 BACKGROUND

As set forth in the Idaho State Police Forensic Services *Procedure and Quality Manual*, proficiency testing is an integral part of a quality program.

##### 5.7.2 SCOPE

This method describes the criteria to be applied to the evaluation of results obtained for proficiency testing for the toxicology discipline.

##### 5.7.3 PROCEDURE

###### 5.7.3.1 Urine and Blood Analysis Proficiency Testing

5.7.3.1.1 Only analytes that are routinely tested for with current ISP-FS analytical methods will be evaluated.—If the parent drug or a metabolite of a drug is reported, additional metabolites of that drug are not required to be reported.

5.7.3.1.2 When reported, quantitative values must agree with manufacturer determined values within  $\pm 20\%$ .

5.7.3.1.3 If the analyst does not correctly identify all target analytes and/or quantitative values do not fall within range, the analyst's training will be reviewed and additional training may be required as deemed appropriate by the Toxicology Program Discipline Leader. The analyst will be required to complete a competency test prior to resuming casework. The number of samples will be determined by the nature of the discrepancy.

## *Revision History*

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#### **5.7 Review of Toxicology Proficiency and Competency Tests**

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<b>Revision</b>	<b>Issue Date</b>	<b>History</b>
0	04-25-2002	Original Issue
1	05-24-2006	Update, additional test providers added
2	05-07-2007	Updated format
3	11-11-2011	Removed competency testing and volatiles testing they are covered in other methods. Clarified requirements for metabolite reporting.

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