Summary of Major Modifications

The Technical Document on Laboratory Internal Chain of Custody, TD2021LCOC, has been aligned with the 2021 World Anti-Doping Code (Code) and the recently approved 2021 International Standard for Laboratories (ISL); and, the other International Standards, which are set to come into force on 1 January 2021.

The main changes in the TD2021LCOC include:

- Formatting as well as updating of the title, terms and definitions, where relevant;
- Comments have been inserted where relevant in the main text;
- Extensive reformatting of the structure of the document as well as further requirements and guidance have been made to bring this TD (from 2009) up to date with current practice.

Article 1.0 Introduction

- Further clarification defining external and internal Laboratory chain of custody.

Article 2.0 Laboratory Internal Chain of Custody

- Description of chain of custody records placed in this dedicated section.
- A comment has been included to clarify the necessary chain of custody components: including date, location, action(s) taken, and the Person(s) performing an action.

Article 2.1. Maintaining Chain of Custody

- Clarifications included that chain of custody shall be completed by authorized staff to record transfers from Person to Person or Person to/from storage;
- Separate chain of custody requirements are included for Samples and Aliquots.
- Comment included to clarify that Persons, who are trained and authorized by the Laboratory, may be used to receive and deliver unopened Sample packages to the Laboratory.

Article 2.2. Recording Chain of Custody during Analytical Testing

- Specific instructions for recording chain of custody have been included for Sample reception and Sample handling and Aliquots.
- Instructions have been introduced regarding the use of software (e.g. LIMS) to record chain of custody.

Article 2.3. Recording Chain of Custody for Sample Transfers

- Instructions have been introduced regarding the transfer of Samples to another Laboratory or external long-term Sample storage facility.

The TD2021LCOC replaces the former TD2009LCOC and becomes effective on 1 April 2021.