Canadian Society of Forensic Science
La Société canadienne des sciences judiciaires

Update to the Drug Screening Equipment – Oral Fluid Standards and Evaluation Procedures

The Drugs and Driving Committee has updated the 'Drug Screening Equipment – Oral Fluid Standards and Evaluation Procedures'. The changes do not include the addition of any new requirements and do not impact the approval status of any currently approved drug screening equipment.

The changes are detailed in the following table:

Section	Revision
Drug Screening Equipment Standards - Definitions	Incorporate April 13th, 2018, amendment updating the definition of "Drug Screening Equipment".
Standard 2 and throughout Standard 4 and 27	Incorporate the July 27th, 2018, amendment that allows testing with authentic oral fluid. Additionally, throughout, removed specific references to synthetic oral fluid to reflect change in procedure to use either authentic or synthetic oral fluid. Also incorporates clarification for laboratory testing of specific drugs of interest (Standard 4) and specification of required volume of oral fluid for analysis (Standard 27)
General Guidelines 4	Removed requirement to submit reagents and consumables, and minor edits to other wording.
Standard 6 & 8	The long-term storage temperature range in Standard 8 has been changed to 15°C to 25°C and a requirement has been added that oral fluid collection systems must be capable of withstanding temperatures outside 15 °C to 25 °C, at a minimum, during shipping/transport. In addition, in Standard 6 regarding operational temperature range, it is required that if the manufacturer stated storage temperature range is smaller than the required operational temperature range of 5°C to 35°C, the manufacturer must provide information regarding short term exposure to temperatures outside of their stated storage temperature range.
Appendix B	Added Urea and Magnesium Chloride to the synthetic oral fluid recipe
Appendix C 16	Removed requirement to submit 50 oral fluid collection devices from each lot. Added that manufacturers must contact the DDC to alert them of any quality assurance issues that arise with any Drug Screening Equipment

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	and that the DDC reserves the right to request and examine oral fluid collection systems and/or quality assurance data to determine their continued appropriateness for use.
All Appendices; Appendix D	Each Appendix has been separated from the main document with their own revision number. Appendix D – Drug Screening Equipment Modifications Rev 001 has been created.

These changes are effective in revision 002, March 15th, 2025, of the Oral Fluid Standards and Evaluation Procedures (Appendix A revision 002, Appendix B revision 002, Appendix C revision 002 and Appendix D revision 001)

Canadian Society of Forensic Sciences Drugs and Driving Committee

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