

Lab Result Confirmation Procedure

ADAMS 4.1/4.1.1 - What's new?

- point 7: confirmation of *microbial contamination markers* and *confounding factors*
- point 8: Labs will have to indicate whether the TA approved or not the *suspicious confirmation procedure request*: this information is **mandatory** under certain conditions

The "Lab confirmation procedure" notification is sent to the relevant Laboratory when an ATPF Confirmation Procedure request or a Suspicious Confirmation Procedure request is required as per TD2016EAAS

Possible recipients are:

- Analyzing laboratory: receives a request to start a Confirmation Procedure on a particular sample.
- APMU: receives a notification when a Confirmation Procedure is requested to the analyzing Laboratory and that the procedure was completed.
- Passport Custodian: receives a notice that a Confirmation Procedure was requested to the analyzing Laboratory and that the procedure was completed.
- Testing Authority: receives a notice that a Confirmation Procedure was requested to the analyzing Laboratory and that the procedure was completed.

Ensure that it is added to all relevant users. The notification includes a link to the Laboratory result and the *Sample* code.

To report the results of the Confirmation Procedure **there is no need ask the Testing Authority to unlock the result**:

1. Search for the lab result
2. Click **Edit**
3. Check the **GC/C/IRMS** option and select the relevant result
4. Update the **Analysis Details/Explanation/Opinion** field
5. Save
6. Return to the read mode
7. In the Steroid Profile Variables section, Click "**Confirm**"

Analytical Finding

Steroid Profile Variables		Confirm
Initial values		
5 α -androstanediol	238.2	ng/mL
5 β -androstanediol	679.5	ng/mL
androsterone	1779	ng/mL
epitestosterone	69.6	ng/mL
etiocholanolone	1607	ng/mL
RDW-SD		
T/E	0.79	
testosterone	55.3	ng/mL

Steroid Profile Data

Microbial contamination

	Initial values	Confirmed values
5 α AND/A*	<input type="text" value="0.01"/>	<input type="text"/>
5 β AND/Etio*	<input type="text" value="0.01"/>	<input type="text"/>
Free T/ total T	<input type="text"/>	

Steroid Profile Variables

	Initial values	Confirmed values	uc
Specific Gravity	<input type="text"/>	<input type="text"/>	
5 α -androstane diol	<input type="text" value="3"/> ng/mL	<input type="text"/> ng/mL	<input type="text"/> ng/mL
5 β -androstane diol	<input type="text" value="3"/> ng/mL	<input type="text"/> ng/mL	<input type="text"/> ng/mL
androstosterone	<input type="text" value="3"/> ng/mL	<input type="text"/> ng/mL	<input type="text"/> ng/mL
epitestosterone	<input type="text" value="3"/> ng/mL	<input type="text"/> ng/mL	<input type="text"/> ng/mL
etiocholanolone	<input type="text" value="3"/> ng/mL	<input type="text"/> ng/mL	<input type="text"/> ng/mL
T/E	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>
testosterone	<input type="text" value="3"/> ng/mL	<input type="text"/> ng/mL	<input type="text"/> ng/mL

Presence Confounding Factors

	Initial values	Est. concentration	Confirmed values	Est. concentration
Ethyl Glucuronide	<input checked="" type="radio"/> Y <input type="radio"/> N		<input type="radio"/> Y <input type="radio"/> N	
Ketoconazole or similar	<input checked="" type="radio"/> Y <input type="radio"/> N		<input type="radio"/> Y <input type="radio"/> N	
5 α -reductase inhibitors	<input type="radio"/> Y <input checked="" type="radio"/> N		<input type="radio"/> Y <input type="radio"/> N	
Heterodimetric hCG	<input type="radio"/> Y <input checked="" type="radio"/> N		<input type="radio"/> Y <input type="radio"/> N	
Anabolic Steroids	<input type="radio"/> Y <input checked="" type="radio"/> N		<input type="radio"/> Y <input type="radio"/> N	
Masking agents and diuretics	<input checked="" type="radio"/> Y <input type="radio"/> N		<input type="radio"/> Y <input type="radio"/> N	

save

ADAMS 4.1/4.1.1

A confirmation can be performed for:

- *Specific gravity*: mandatory for samples with a date received after 1 Jan 2016
- *Microbial contamination markers*: confirmed values can be entered for 5 α AND/A and 5 β AND/Etio (these are mandatory for the confirmation for samples with a date received after 1 Jan 2016); the Free T/total T is not-mandatory
- *Confounding factors*: it is mandatory for those Confounding factors where the initial value was set to Yes (present), and if the sample has a date received after 1 Jan 2016
- *Steroid profile variables* (existing functionality): at least one variable has to be confirmed as well as its corresponding uncertainty

8. For samples that triggered a SSP confirmation procedure request notification, it is mandatory to indicate whether the Testing authority has approved the confirmation procedure or not. And if not, a reason must be provided

Steroid Profile Data

Confirmation Request Status *

- Approved by TA
 Not Approved by TA

The Laboratory has not conducted the recommended Confirmation Procedure(s) because:

- The "A" sample does not contain the minimum amount of volume necessary to conduct the GC/C/IRMS analysis. It is recommended that the Testing Authority considers the option to authorize the Laboratory to split the "B" sample to conduct the GC/C/IRMS analysis.
- The GC/C/IRMS analysis is not necessary because the Athlete's Profile is normal based on previous testing (existing longitudinal data).
- The GC/C/IRMS analysis is not necessary because the T/E ratio is between 4.0 and 6.0 and this is the first test on the Athlete.
- The GC/C/IRMS method is currently unavailable and it is recommended that the Testing Authority authorize shipment of the sample to another WADA accredited laboratory to conduct the recommended GC/C/IRMS analysis.
- Other

Steroid Profile Variables

Initial values

5 α -androstane diol 20 ng/mL

9. Save

Analytical Finding

Steroid Profile Variables			
	Initial values	Confirmed values	uc
Specific Gravity			
5 α -androstane diol	238.2 ng/mL		
5 β -androstane diol	679.5 ng/mL		
androsterone	1779 ng/mL		
epitestosterone	69.6 ng/mL		
etiocholanolone	1607 ng/mL		
RDW-SD			
T/E	0.79		
testosterone	55.3 ng/mL		

10. The Passport Custodian APMU and Testing Authority are automatically notified of the new data.

Note: you can also use the Batch Update module to confirm multiple results.

The "Lab confirmation procedure request" notifications will not be sent to any user (TA, APMU, Passport Custodian and Analyzing lab) when the submitted lab result includes an IRMS analysis type.