

# CERTIFIED TRANSLATION FROM POLISH

Sworn translator of English and Polish Katarzyna Głuchowska, TP/8/15

---

*[All comments in square brackets are the translator's.]*

*[Page 1 of 7]*

PCA *[Polish Centre for Accreditation]*  
Scope of accreditation No. AB 108

SCOPE OF ACCREDITATION OF TESTING LABORATORY No. AB 108  
issued by the POLISH CENTRE FOR ACCREDITATION  
01-382 Warszawa, ul. Szczotkarska 42

Edition no. 15, Date of Issue: 27 April 2018

<i>[Testing Accreditation Symbol of the Polish Centre of Accreditation]</i> AB 108	Name and Address Institute of Sport – National Research Institute Department of Anti-Doping Research ul. Trylogii 2/16 01-982 Warsaw
Testing field/object identification code	Testing field/object:
C/3, C/22	Chemical tests of objects and biological material for testing, products for human consumption

Page version: A  
Head of the Polish Centre for Accreditation  
Lucyna Olborska

This document is an addendum to the Accreditation Certificate No. AB 108 of 29 February 2016. The status of accreditation and the validity of the scope of accreditation can be verified at the Polish Centre for Accreditation website at [www.pca.gov.pl](http://www.pca.gov.pl)

Edition no. 15, 27 April 2018 p. 1/7

*[Page 2 of 7]*

PCA *[Polish Centre for Accreditation]*  
Scope of accreditation No. AB 108

Gas Chromatography and Mass Spectrometry Laboratory IRMS Laboratory		
Test subject/product	Type of activity/properties tested/method	Reference documents
Flexible scope of accreditation <sup>1)</sup>		
Human urine	Presence of free stimulants and some narcotics <sup>1)</sup> by GC/MS	Testing procedure 1 (SOP_1) <sup>1)</sup> Testing procedure 14 (SOP_14) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Steroid profile <sup>1)</sup> by GC/MS	Testing procedure 8 (SOP_8) <sup>1)</sup> Testing procedure 8a (SOP_8a) <sup>1)</sup>



Page 1 of 7

## CERTIFIED TRANSLATION FROM POLISH

Sworn translator of English and Polish Katarzyna Głuchowska, TP/8/15

	Presence of hydroxyethyl starch <sup>1)</sup> by GC/MS	Testing procedure 11 (SOP_11) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Concentration of some doping substances by GC/MS/ GC/MS/MS	Testing procedure 14 (SOP_14) <sup>1)</sup>
	Differentiation between exogenous and endogenous anabolic-androgenic steroids <sup>1)</sup> by GC/C/IRMS	Testing procedure 23 (SOP_23) <sup>1)</sup>
	Presence of doping substances <sup>1)</sup> by GC/MS/MS	Testing procedure 35 (SOP_35) <sup>1)</sup> Testing procedure 14 (SOP_14) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of glycerol by GC/MS	Testing procedure 37 (SOP_37) <sup>1)</sup> Testing procedure 14 (SOP_14) <sup>1)</sup>
	Morphine concentration <sup>1)</sup> by GC/MS/MS	Testing procedure 3a (SOP_3a) <sup>1)</sup>
	19-Norandrosterone concentration <sup>1)</sup> by GC/MS/MS	Testing procedure 7a (SOP_7a) <sup>1)</sup>
	Salbutamol concentration <sup>1)</sup> by GC/MS, GC/MS/MS	Testing procedure 9a (SOP_9a) <sup>1)</sup>
	Tetrahydrocannabinols concentration <sup>1)</sup> by GC/MS	Testing procedure 10a (SOP_10a) <sup>1)</sup>
	Glycerol concentration by GC/MS	Testing procedure 37a (SOP_37a) <sup>1)</sup>
Human blood	Presence of tetrahydrocannabinols <sup>1)</sup> by GC/MS/MS	Testing procedure 25 (SOP_25) <sup>1)</sup>
	Tetrahydrocannabinols concentration <sup>1)</sup> by GC/MS/MS	Testing procedure 26 (SOP_26) <sup>1)</sup>

Page version: A

Edition no. 15, 27 April 2018, p. 2/7

[Page 3 of 7]

PCA [Polish Centre for Accreditation]  
Scope of accreditation No. AB 108

Gas Chromatography and Mass Spectrometry Laboratory IRMS Laboratory		
Test subject/product	Type of activity/properties tested/method	Reference documents
Flexible scope of accreditation <sup>1)</sup>		
Equine urine	Presence of free stimulants and some narcotics <sup>1)</sup> by GC/MS	Testing procedure M1 (SOP_M1) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>



Page 2 of 7

## CERTIFIED TRANSLATION FROM POLISH

Sworn translator of English and Polish Katarzyna Głuchowska, TP/8/15

	Presence of narcotics and other compounds <sup>1)</sup> by GC/MS	Testing procedure M2 (SOP_M2) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of anabolic-androgenic steroids and other compounds <sup>1)</sup> by GC/MS/MS	Testing procedure M3 (SOP_M3) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of non-steroidal anti-inflammatory drugs (NSAIDs) <sup>1)</sup> by GC/MS	Testing procedure M4 (SOP_M4) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of $\beta$ 2-agonists <sup>1)</sup> by GC/MS	Testing procedure M9 (SOP_M9) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Steroid profile <sup>1)</sup> by GC/MS	Testing procedure M11 (SOP_M11) <sup>1)</sup> Testing procedure M11a (SOP_M11a) <sup>1)</sup>
	Nandrolone metabolites concentration <sup>1)</sup> by GC/MS/MS	Testing procedure M3a (SOP_M3a) <sup>1)</sup>
Equine blood	Presence of free stimulants and some narcotics <sup>1)</sup> by GC/MS	Testing procedure P1 (SOP_P1) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of non-steroidal anti-inflammatory drugs (NSAIDs) <sup>1)</sup> by GC/MS	Testing procedure P4 (SOP_P4) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of $\beta$ 2-agonists <sup>1)</sup> by GC/MS	Testing procedure P9 (SOP_P9) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
Supplements	Presence of anabolic-androgenic steroids by GC/MS, GC/MS/MS	Testing procedure Od1 (SOP_Od1) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of stimulants and other substances <sup>1)</sup> by GC/MS	Testing procedure Od2 (SOP_Od2) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>

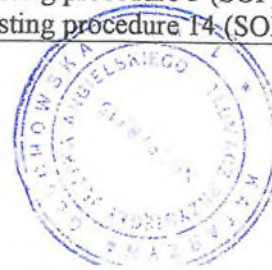
Page version: A

Edition no. 15, 27 April 2018, p. 3/7

[Page 4 of 7]

PCA [Polish Centre for Accreditation]  
Scope of accreditation No. AB 108

Gas Chromatography and Mass Spectrometry Laboratory IRMS Laboratory		
Test subject/product	Type of activity/properties tested/method	Reference documents
Flexible scope of accreditation <sup>1)</sup>		
Human urine	Presence of conjugated stimulants and narcotics <sup>1)</sup>	Testing procedure 3 (SOP_3) <sup>1)</sup> Testing procedure 14 (SOP_14) <sup>1)</sup>



Page 3 of 7

## CERTIFIED TRANSLATION FROM POLISH

Sworn translator of English and Polish Katarzyna Głuchowska, TP/8/15

	by LC/MS/MS	Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of free biologically active substances and/or their metabolites <sup>1)</sup> by LC/MS/MS	Testing procedure 6 (SOP_6) <sup>1)</sup> Testing procedure 14 (SOP_14) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Concentration of some doping substances by LC/MS/MS	Testing procedure 14 (SOP_14) <sup>1)</sup>
	Presence of plasticizers <sup>1)</sup> by LC/MS/MS	Testing procedure 16 (SOP_16) <sup>1)</sup> Testing procedure 14 (SOP_14) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of free and glucuronic acid-conjugated biologically active substances and/or their metabolites <sup>1)</sup> by LC/MS/MS	Testing procedure 18 (SOP_18) <sup>1)</sup> Testing procedure 14 (SOP_14) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of beta blockers <sup>1)</sup> by LC/MS/MS	Testing procedure 22 (SOP_22) <sup>1)</sup> Testing procedure 14 (SOP_14) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of biologically active substances and/or their metabolites with direct injection of test material <sup>1)</sup> by LC/MS/MS	Testing procedure 38 (SOP_38) <sup>1)</sup> Testing procedure 14 (SOP_14) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of biologically active substances and/or their metabolites including peptides <sup>1)</sup> by LC/MS/MS	Testing procedure 40 (SOP_40) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of low-molecular-weight peptides and/or their metabolites by LC/MS/MS	Testing procedure 41 (SOP_41) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Ephedrine concentration <sup>1)</sup> by LC/DAD	Testing procedure 2 (SOP_2) <sup>1)</sup> Testing procedure 2a(SOP_2a) <sup>1)</sup>
	Formoterol concentration <sup>1)</sup> by LC/MS/MS	Testing procedure 18a (SOP_18a) <sup>1)</sup>
Human blood	Presence of opiates, amphetamine, cocaine, benzodiazepines <sup>1)</sup> by LC/MS/MS	Testing procedure 24 (SOP_24) <sup>1)</sup>
	Concentration of opiates, amphetamine, cocaine, benzodiazepines <sup>1)</sup> by LC/MS/MS	Testing procedure 26 (SOP_26) <sup>1)</sup>
Equine urine	Presence of non-steroidal anti-inflammatory drugs (NSAIDs) <sup>1)</sup> by LC/MS/MS	Testing procedure M5 (SOP_M5) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>

Page version: A

Edition no. 15, 27 April 2018, p. 4/7

[Page 5 of 7]

PCA [Polish Centre for Accreditation]  
Scope of accreditation No. AB 108



Page 4 of 7

## CERTIFIED TRANSLATION FROM POLISH

Sworn translator of English and Polish Katarzyna Głuchowska, TP/8/15

Liquid Chromatography and Mass Spectrometry Laboratory		
Test subject/product	Type of activity/properties tested/method	Reference documents
Flexible scope of accreditation <sup>1)</sup>		
Equine urine	Presence of xanthines <sup>1)</sup> by LC/DAD	Testing procedure M6(SOP_M6) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of corticosteroids <sup>1)</sup> by LC/MS/MS	Testing procedure M7(SOP_M7) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of diuretics and masking agents <sup>1)</sup> by LC/MS/MS	Testing procedure M8(SOP_M8) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Theobromine concentration <sup>1)</sup> by LC/DAD	Testing procedure M6a (SOP_M6a) <sup>1)</sup>
Equine blood	Presence of non-steroidal anti-inflammatory drugs (NSAIDs) <sup>1)</sup> by LC/MS/MS	Testing procedure P5 (SOP_P5) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
Supplements	Presence of anabolic-androgenic steroids by LC/MS/MS	Testing procedure Od1 (SOP_Od1) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>
	Presence of stimulants and other substances <sup>1)</sup> by LC/MS/MS	Testing procedure Od2 (SOP_Od2) <sup>1)</sup> Testing procedure 15 (SOP_15) <sup>1)</sup>

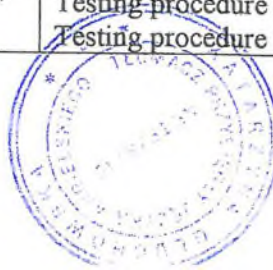
Page version: A

Edition no. 15, 27 April 2018, p. 5/7

[Page 6 of 7]

PCA [Polish Centre for Accreditation]  
Scope of accreditation No. AB 108

Peptide Hormones and Haematology Laboratory		
Test subject/product	Type of activity/properties tested/method	Reference documents
Flexible scope of accreditation <sup>1)</sup>		
Human urine	Presence of exogenous erythropoietin <sup>1)</sup> by IEF-PAGE SDS-PAGE and/or SAR-PAGE	Testing procedure 19 (SOP_19) <sup>1)</sup> Testing procedure 27 (SOP_27) <sup>1)</sup>
	Luteinizing hormone concentration <sup>1)</sup> time-resolved immunofluorometric assay	Testing procedure 20 (SOP_20) <sup>1)</sup>
	Presence of hydroxyethyl starch <sup>1)</sup> colorimetric assay	Testing procedure 29 (SOP_29) <sup>1)</sup>
	Presence of choriogonadotropin <sup>1)</sup> immunoluminometric assay	Testing procedure 31 (SOP_31) <sup>1)</sup> Testing procedure 13a



Page 5 of 7

**CERTIFIED TRANSLATION FROM POLISH**

Sworn translator of English and Polish Katarzyna Głuchowska, TP/8/15

---

[Hologram]

I hereby approve the amendment status  
Head of the Polish Centre for Accreditation

Lucyna Olborska  
Date: 27 April 2018

Edition no. 15, 27 April 2018, p. 7/7

---

I hereby certify the conformity of this translation with the document presented to me, made in Polish, attached hereto. Katarzyna Głuchowska, certified translator of Polish and English, registered in the Ministry of Justice under the number TP/8/15.

Register No. 1/2018

Warsaw, 14 May 2018

*Katarzyna Głuchowska*

