Director
Metrology service Ltd.

Bozhko Nataliia
"19" December 2016

PROFICIENCY TESTING PT.UA.1.3.2016
ANIMAL FEEDING STUFFS (QUALITY)
PROFICIENCY TESTING PROGRAMME – ROUND 1(ENG)

Kyiv-2016

1. INTRODUCTION

Given the key role of reliable test results that are needed during feeds trade and agriculture in general, requirements for the competence of laboratories that perform such tests should be confirmed.

The purpose of proficiency testing in corn testing is to determine the characteristics of the operation (as described in ISO\IEC 17043 [1], the GD-08.15.31 [2]) and improve the reliability of test results.

This proficiency testing involves the use of inter-laboratory comparisons to confirm the performance of individual laboratories' abilities and/or identify areas of improvement.

2. DESCRIPTION

2.1. PARTICIPATION

2.1.1. Minimum methods for participation. Any organization, providing testing by at least one of methods in clause 2.2 may participate in this voluntary Program.

2.1.2. Participant may provide results for all the methods according to clause 2.2.

2.1.3. Metrology service Ltd. assigns a unique identification number to each participant that is confidential and reported only to this participant.

2.1.4. Participation fee for participants from Ukraine is 4 050.00 UAH without paying VAT. Participation fee for participants from outside of Ukraine is 180.00 USD.

2.2. METHODS

Participants can provide test results for the following methods:

2.2.1. International methods

	Parameter	Method	Note
1.	Moisture content, %	ISO 6496	
2.	Crude protein content, %	ISO 5983-1	Expressed as a mass fraction of the product as received
3.	Crude protein content, %	ISO 5983-2	Expressed as a mass fraction of the product as received
3.	Crude ash, %	ISO 5984	Expressed as a mass fraction of the product as received
4.	Ash insoluble in hydrochloric acid,%	ISO 5985	Expressed as a mass fraction of the product as received
5.	Fat content,%	ISO 6492	Expressed as a mass fraction of the product as received
6.	Crude fibre content,%	ISO 6865	Expressed as a mass fraction of the product as received

2.2.2. National methods

	Parameter	Method	Note
1.	Moisture content, %	ДСТУ 7621	
2.	Moisture content, %	ГОСТ 27548	
3.	Protein content, %	ДСТУ 7169	Expressed as a mass fraction of the product as received
4.	Crude ash content, %	ГОСТ 26226	Expressed as a mass fraction of the product as received
5.	Crude ash content, %	ГОСТ 13979.6	Expressed as a mass fraction of the product as received
6.	Ash insoluble in hydrochloric acid, %	ГОСТ 13496.14	Expressed as a mass fraction of the product as received

7.	Ash insoluble in hydrochloric acid, %	ГОСТ 13979.6	Expressed as a mass fraction of the product as received
8.	Crude fat content, %	ГОСТ 13496.15	Expressed as a mass fraction of the product as received
9.	Crude fat content, %	ДСТУ 7458	Expressed as a mass fraction of the product as received
10.	Crude fibre content, %	ГОСТ 13496.2	Expressed as a mass fraction of the product as received
11.	Total acidity, °N	ДСТУ 3698	

2.3. SAMPLES

Metrology service Ltd. is using a validated procedure and appropriate technical experts and contractors for the selection, production, homogenization and division designs that is satisfactory for the purposes of this program.

Metrology service Ltd .will send appropriately identified and packaged sample together with task sheet form for testing and reporting results via courier delivery service of Nova Poshta LLC or other delivery service chosen by participant.

Sunflower seed meal is used as a sample in round 1 in an amount of 300 g for each participant.

2.4. SCHEME AND SCHEDULE

2.4.1. This proficiency testing program is a simultaneous participation schemesaccording to A.3 of appendix A ISO\IEC 17043[1]. Selected samples, prepared according to clause 2.3, from a source of material being distributed simultaneously to participants for concurrent testing. After completion of the testing, the results are returned to Metrology service Ltd. Task sheet form for testing and reporting results is distributed with the sample according to clause 2.3. Metrology use statistical methods to analyse results and provide report according to clause.2.5.

2.4.2. Round 2 schedule.

Participants registration	till 13-00 EET 17.03.2017
Sample shipment	20.03.2017
Reporting results for participants	till 13-00 EET 03.04.2017
Report publication	till 14.04.2017

2.5. REPORT AND PROCESSING RESULTS

2.5.1. Metrology service Ltd. processes and analyses results according to ISO\IEC 17043[1], GD-08.15.31[2] та ISO 13528[3].

2.5.2. Metrology service Ltd. publishes the Proficiency testing report according to ISO\IEC 17043[1] та GD-08.15.31[2].

2.5.3. Proficiency testing report will be published in two languages – English and Ukrainian.

3. PARTICIPANT INFORMATION

Participants must provide the following information by **e-mail in any form**:

1. Full name (English and/or Ukrainian), Bank details, address, registration number, detail of person, who will sign a contract;

2. Full name and address of laboratory (testing facility) if it is not equal to clause 1;

3. Address of shipment of samples or Nova Poshta LLC department number (with the choice of shipment type);

4. Participant contact person full name;

5. Contact telephone number (e.g. mobile) and e-mail address of the participant contact person.

4. PROVIDER CONTACTS AND PROGRAM MANAGER

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5. NORMATIVE REFERENCE

1. ISO/IEC 17043:2010 Conformity assessment -- General requirements for proficiency testing
2. National accreditation agency of Ukraine GD 08.15.31 Management system General document «Conformity assessment. General requirements for proficiency testing»
3. ISO 13528:2015 Statistical methods for use in proficiency testing by interlaboratory comparisons