Inter American Accreditation Cooperation

Dirección Técnica de Acreditación
Instituto Boliviano de Metrología

R*ED* *LABEC*
Red Boliviana de Laboratorios de
Ensayo y Calibración Acreditados

Wine Proficiency Test
IBMETRO-DTA-IAAC-002

We are glad to invite you to participate in a wine proficiency test IBMETRO-DTA-IAAC-002, which is open to three laboratories nominated by each IAAC member accreditation body. The participation of one nominated laboratory for each accreditation body member of APLAC and SADCA is also allowed, as long as the 80 samples limit is not exceeded.

This proficiency test is designed to establish the value of several wine quality parameters. The sample consists of two glass bottles with an approximate content of 750 ml each.

The participating laboratories can perform the following analysis:

PARAMETER	APPROXIMATE VALUE (*)
1. Total Acidity (Tartaric Acid)	Between 5083 and 5571 (mg/l)
2. Volatile Acidity (Acetic Acid)	Between 553 and 647 (mg/l)
3. Free Sulphur Dioxide (SO_2)	Between 24 and 39 (mg/l)
4. Total Sulphur Dioxide (SO_2)	Between 45 and 67 (mg/l)
5. Alcohol content (Ethanol)	Between 11 and 12
6. Methanol	Between 144 and 204 (mg/l)
7. Copper	Between 0,5 and 0,6 (mg/l)
8. Iron	Between 1,26 and 1,66 (mg/l)
9. pH	Between 3,75 and 3,87

(*) Referential values only. Approximate values established in a proficiency test carried out in 2007 using a similar matrix.

The sample dispatch will begin on **July 2009**. The samples will be sent to the accreditation bodies, whom will be in charge of distribution to the nominated laboratories.

DTA requests the participant accreditation bodies to report any customs requirement and the name of the person appointed for sample reception. Please send this information as soon as possible, since it is required to ensure a correct delivery of the samples.

To ensure the participation of laboratories from your economy, the ABs must use the Laboratory Nomination Form (FOR-001). Fill one form per laboratory and send it via e-mail to nmolinag@gmail.com or fax it to (591) 2 2147945

The deadline for laboratory nomination is **July 3, 2009.**

Thanks for your interest.

Nicolás MOLINA GONZÁLEZ
Accreditation Director
BOLIVIAN INSTITUTE OF METROLOGY - IBMETRO
Phone ++591 2 237 2046
Fax ++ 591 2 214 7945
Cell phone ++ 591 701 66 656
1488 Camacho Ave. (Annex building)
La Paz - BOLIVIA

Wine Proficiency Test
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ACCREDITATION BODY INSTRUCTIONS

SAMPLES

Each accreditation body will receive two wine bottles per participating laboratory. The bottles are labeled as "Sample A" and "Sample B", each containing approximately 750 ml. The samples must be kept in their original container and stored at room temperature.

Upon sample reception, fill in the attached **Sample Reception Form (FOR-002)** and send it via fax or e-mail to IBMETRO's contact person ((591) 2 2147945 / dmoya@ibmetro.org).

TESTS

Refer to the attached **PARTICIPANT INSTRUCTIONS** document.

SAMPLE DISTRIBUTION

Within seven days of reception, the samples must be distributed to the participating laboratories along with the instructions and results form (which includes the code assigned).

The accreditation body must ensure the reception of the samples by the participating laboratories and the result reporting to the proficiency test's General Coordination. When a nominated laboratory does not send results, the accreditation body must provide a written explanation to IAAC's Laboratories Subcommittee (LSC) which will be included in the PT's final report.

SCHEDULE

ACTIVITY	DATE
REGISTRATION	July 3, 2009. Deadline for the reception of Laboratory Nomination Form (FOR-001)
SAMPLE DISPATCH	Starts on July 24, 2009
RESULTS	September 25, 2009. Deadline for the reception of results forms. The accreditation body is in charge of sending the results to the General Coordination of the proficiency test.
PRELIMINARY REPORT	October 16, 2009
COMMENTS	October 30, 2009. Deadline for the reception of comments on the preliminary report

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ACTIVITY	DATE
DRAFT FINAL REPORT	November 6, 2009. Issued to accreditation bodies and IAAC's Laboratory Subcommittee
COMMENTS	November 20, 2009. Deadline for the reception of comments on the draft
FINAL REPORT	December 11, 2009. Issued to accreditation bodies and IAAC's Laboratory Subcommittee. The accreditation bodies must distribute the final report to the participating laboratories

If you need additional information, send your requests to:

Dirección Técnica de Acreditación
INSTITUTO BOLIVIANO DE METROLOGÍA - IBMETRO
Contact person: Diego Moya Alarcón
Phone (591) 2 237 2046
Fax (591) 2 214 7945
E-mail:nmolinag@gmail.com; bcmunguia@prodigy.net.mx

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Wine Proficiency Test
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LABORATORY INSTRUCTIONS

SAMPLES

Each laboratory will receive two wine bottles labeled as "Sample A" and "Sample B", each containing approximately 750 ml. The samples must be kept in their original container and stored at room temperature. Once opened, they should be analyzed as soon as possible.

ANALYSES

The following tests could be performed on the samples:

PARAMETER	APPROXIMATE VALUE (*)
1. Total Acidity (Tartaric Acid)	Between 5083 and 5571 (mg/l)
2. Volatile Acidity (Acetic Acid)	Between 553 and 647 (mg/l)
3. Free Sulphur Dioxide (SO_2)	Between 24 and 39 (mg/l)
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8. Iron	Between 1,26 and 1,66 (mg/l)
9. pH	Between 3,75 and 3,87

(*) Referential values only. Approximate values established in a proficiency test carried out in 2007 using a similar matrix.

The laboratory must perform two measurements per parameter per sample and register the average value in the report form.

TEST METHODS

The laboratory shall use routine methods and provide a brief description in the report form. It is not necessary to perform all the tests. The laboratory must select the parameters according to its own capabilities.

The laboratory shall include an estimation of the measurement uncertainty for each reported value and the corresponding uncertainty components taken into account.

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SCHEDULE

ACTIVIDAD	FECHAS
REGISTRATION	Until July 3, 2009
SAMPLE DISPATCH	Starts July 24, 2009
RESULTS	Until September 25, 2009
PRELIMINARY REPORT	Issue October 16, 2009
COMMENTS	Until October 30, 2009
DRAFT FINAL REPORT	Issued November 6, 2009
COMMENTS	Until November 20, 2009
FINAL REPORT	Issued December 11, 2009

Confirm your participation in the proficiency test by sending the **Laboratory Nomination Form (FOR-001)** to your accreditation body no later than **July 3, 2009**.

If you need additional information, send your requests to:

Dirección Técnica de Acreditación
INSTITUTO BOLIVIANO DE METROLOGÍA - IBMETRO
Contact person: Diego Moya Alarcón
Phone (591) 2 237 2046
Fax (591) 2 214 7945
E-mail: nmolinag@gmail.com; bcmunguia@prodigy.net.mx

IAAC
Inter American Accreditation Cooperation

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ACREDITACION

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Laboratory Nomination Form (FOR-001)

ACCREDITATION BODY INFORMATION (*)

NAME	
COUNTRY	
CITY	
ADDRESS (*)	
PHONE	
FAX	
CONTACT PERSON	
E-MAIL	

(*) Address for sample dispatch

NOMINATED LABORATORY INFORMATION (Use one form per laboratory)

NAME	
CITY	
ADDRESS	
CONTACT PERSON	
POSITION	
PHONE	
FAX	
E-MAIL	

ANALYSES TO BE PERFORMED BY THE LABORATORY

PARAMETER	TEST	ACCREDITED?
1. Total Acidity (Tartaric Acid)	☐	SELECT
2. Volatile Acidity (Acetic Acid)	☐	SELECT
3. Free Sulphur Dioxide (SO_2)	☐	SELECT
4. Total Sulphur Dioxide (SO_2)	☐	SELECT
5. Alcohol content (Ethanol)	☐	SELECT
6. Methanol	☐	SELECT
7. Copper	☐	SELECT
8. Iron	☐	SELECT
9. pH	☐	SELECT

The deadline for laboratory nomination is July 3, 2009.

IAAC

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ACREDITACION

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Sample Reception Form (FOR-002)

In order to control the sample reception process for this proficiency test, we kindly request that, upon arrival and inspection of the samples, fill in this form and send it via fax or e-mail to:

> **Dirección de Acreditación**
> **INSTITUTO BOLIVIANO DE METROLOGÍA - IBMETRO**
> Contact person: Diego Moya Alarcón
> Phone (591) 2 237 2046
> Fax (591) 2 214 7945
> E-mail: nmolinag@gmail.com; bcmunguia@prodigy.net.mx

ACCREDITATION BODY INFORMATION

NAME	
PHONE	
FAX	
CONTACT PERSON	
E-MAIL	

Sample reception date	
The samples arrived in good condition?	SELECT
State the nature of any problem with the samples (if needed):	

Thank you.