



18^a
edition

In the reports of all the intercomparative rounds, a random code number is assigned to each participant, so that the confidentiality of the results is guaranteed at all times.

Only the personalized report of each participant indicates the assigned code.

Qualinova proficiency testing workings

Qualinova environment 2024 program comprises 17 rounds of intercomparasion spread over 11 months.

Participating laboratories can enroll in as many rounds the wish, there being no minimum number. Nevertheless, participation throughout the year in various rounds entails an interesting economic savings.

Various aspects of the proficiency testing program may eventually be outsourced. When the subcontracting, this is awarded to a subcontractor competent and the proficiency testing provider is responsible for this work.

Ou can sign up for the exercises as follows:

- Through our new website: **www.labnovasl.com**, in the “intercomparative” tab, marking in the boxes the corresponding exercises in which you are interested.
- If you want to make technical questions about the Qualinova exercises you can contact through the email addresses: qualinova@labnovasl.com or calidad@labnovasl.com
Remember that the symbol # indicates that this circuit or parameter is not included in the scope of accreditation.

18
Years with you

QUALINOVA
ENVIRONMENT

LABNOVA



LABNOVA S.L.

Labnova Distribuciones Agroalimentarias S.L.
Ejercicios Intercomparativos Qualinova
C/ Vitoria, 274 - Nave 138. Complejo Naves Taglosa
Pol. Ind. Gamonal-Villimar. 09007 Burgos

Tel. 947 04 06 63 www.labnovasl.com

follow us:



@labnovacomunica y
@Qualinova_Lab

Qe²⁴

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PROGRAM2024



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Labnova Distribuciones
+34 947 04 06 63
www.labnovasl.com



Qualinova Environment

Operation of proficiency test Qualinova.

Proficiency test are one of the main tools available to laboratories to assess the quality of its results.

The **Qualinova** program is **accredited by ENAC** as provider of proficiency tests, according to the **ISO 17043:2010 standard with number 10/PPI015**. In the description of the rounds can verify which are accredited. We are currently you working to expand the scope of accreditation.

This 18th edition of our circuits continues to offer its participants the robust statistics recommended by the **ISO standard 13528:2022 and the IUPAC protocols**. Likewise, the preparation of the samples, the studies of homogeneity and stability of the same and the entire organizational and logistic system of our exercises comply with the recommendations made by the **ISO 17043:2010 standard**, referring to the organization of intercomparative laboratory exercises.

As **NEW**, indicate that a new round has been included in our ENVIRONMENT program, in response to suggestions proposed by our participants.

➤ Microbiology in cleaning water (**MA24004**)

The operating system is very simple: each laboratory determines which are the intercomparative rounds that are interested in the annual Qualinova program. Within each round different analyzes are requested that the laboratory can carry out in whole or in part, according to your needs. Once the deadline for receipt of results, Qualinova carries out a statistical study and register on the web the general report of results and a personalized report in which the figures are valued obtained by each participant. The laboratories access the reports by registering on the web with a username and password supplied by Qualinova.

Físico - Químico

ITEM	SHIPPING	JAN.	FEBR.	MARCH	APRIL	MAY	JUNE	JULY	SEPT.	OCT.	NOV.	DIC.	TOT.	PRICE €
Waste water (Metals) #	Refrigeration								MA24013				1	254
Waste water	Refrigeration				MA24006					MA24014			2	286/457**
Pool water #	Refrigeration		MA24002			MA24008							2	254/406**
Drinking water	Refrigeration			MA24005			MA24010				MA24016		2	281/675**
Drinking water (Metals) #	Refrigeration	MA24001											1	254

*One test ** All test.
5 microbiological test: 1002
5 physicochemical test: 728
VAT NOT INCLUDED
Shipping fee not included.

For multiple registrations between the Food and Environment circuits, consult us.



Test labeled with # are not covered by ENAC Accreditation.

ITEM	MONTH	CODE	PARAMETER/DESCRIPTION
Drinking water # (metals).	JANUARY	MA 24001	Al - Sb -As - B- Cd - Cu - Cr - Fe - Mn - Hg - Ni - Pb - Se
Pool watrer #	FEBRUARY	MA 24002	ph- Conductivity - Turbidity - Free residual chlorine - Combined residual chlorine - REDOX potencial - Oxidability
Drinking water	MARCH	MA 24005	ph - Conductivity - Nitrates - Nitrites - Ammonium - Carbonates - Bicarbonates - Chlorides - Sulphates - Na -K - Ca - Mg - Hardness.
Waste water	APRIL	MA 24006	pH - Conductivity - COD -BOD -Suspended solids - Ammoniacal Nitrogen - Kjeldahl total nitrogen - Total phosphorus - Ortophosphates - Nitrites.
Pool water #	MAY	MA 24008	pH - Conductivity - Turbidity - Free residual chlorine - Combined residual chlorine.
Drinking water	JUNE	MA 24010	pH - Conductivity - Nitrates - Nitrites - Ammonium - Total residual chlorine - Free residual chlorine - Color -Turbidity.
Waste water (metals) #	SEPTEMBER	MA 24013	Al - As - Ba - B - Cd - Co - Cu - Cr - Sn - Fe - Mn - Hg - Mo - Ni - Pb - Se -Zn.
Waste water	OCTOBER	MA 24014	pH - Conductivity - COD - BOD - Suspended solids -Ammoniacal Nitrogen - Kjeldahl total nitrogen - Cloruros - volatile suspended solids
Drinking water	NOVEMBER	MA 24016	ph -Conductivity -Nitrates - Nitrites - Ammonium - Carbonates - Bicarbonates - Chlorides - Sulphates - Na - K - Ca - Mg - Oxidability-Fluorides

Microbiology

ITEM	SHIPPING	JAN.	FEBR.	MARCH	APRIL	MAY	JUNE	JULY	SEPT.	OCT.	NOV.	DIC.	TOT.	PRICE €
Drinking water	Room temp.		MA24003				MA24011				MA24017		3	281/675**
Pool water #	Room temp.					MA24009							1	281
Legionella #	Room temp.				MA24007					MA24015			2	254/406**
Surface water #	Room temp.							MA24012					1	254
Cleaning water NEW	Room temp.		MA24004										1	195



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ITEM	MONTH	CODE	PARAMETER/DESCRIPTION
Drinking water	FEBRUARY	MA 24003	Enumeration: Aerobic microorgaanism at 36°C, Aerobic microorganism at 22°C, total coliforms, <i>Escherichia coli</i> , Enterocccus, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringes</i> , <i>coagulasa</i> + <i>Satphylococci</i> . Detection: <i>Salmonella</i> spp.
Cleaning water #	FEBRUARY	MA 24004	Enumeration: Aerobic microorganism at 36°C, aerobic microorganism at 22°C, total coliforms, <i>Escherichia coli</i> , <i>Enterococcus</i> .
Legionella #	APRIL	MA 24007	Enumeration: <i>Legionella</i> spp. Detection: <i>Legionella pneumphila</i> .
Pool water #	MAY	MA 24009	Enumeration: Aerobic microorganism at 36°C, Total coliforms , fecal coliforms, <i>Eschericha coli</i> , Enterococcus, <i>Pseudomonas aeruginosa</i> , <i>coagulasa</i> + <i>Satphylococci</i> .
Drinking water	JUNE	MA 24011	Enumeration: Aerobic microorganism at 22°C, Aerobic microorganism at 36°C, Total coliforms, <i>Escherichia coli</i> , Enterococcus, <i>Clostrdium perfringes</i> , <i>Pseudomonas aeruginosa</i> .
Surface water #	JULY	MA 24012	Enumeration: Aerobic microorganism at 22°C, aerobic microorganism at 36, <i>Escherichia coli</i> , <i>Pseudomonas aeruginosa</i> , <i>coagulasa</i> + <i>Staphylococci</i> .
Legionella #	OCTOBER	MA 24015	Enumeration: <i>Legionella</i> spp. Detection: <i>Legionella pneumophila</i> .
Drinking water	NOVEMBER	MA 24017	Enumeration: Aerobic microorganism at 36°C, Aerobic microorganism at 22°C, total coliforms, <i>Escherichia coli</i> , Enterococcus, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringes</i> , <i>coagulasa</i> + <i>Satphylococci</i> .