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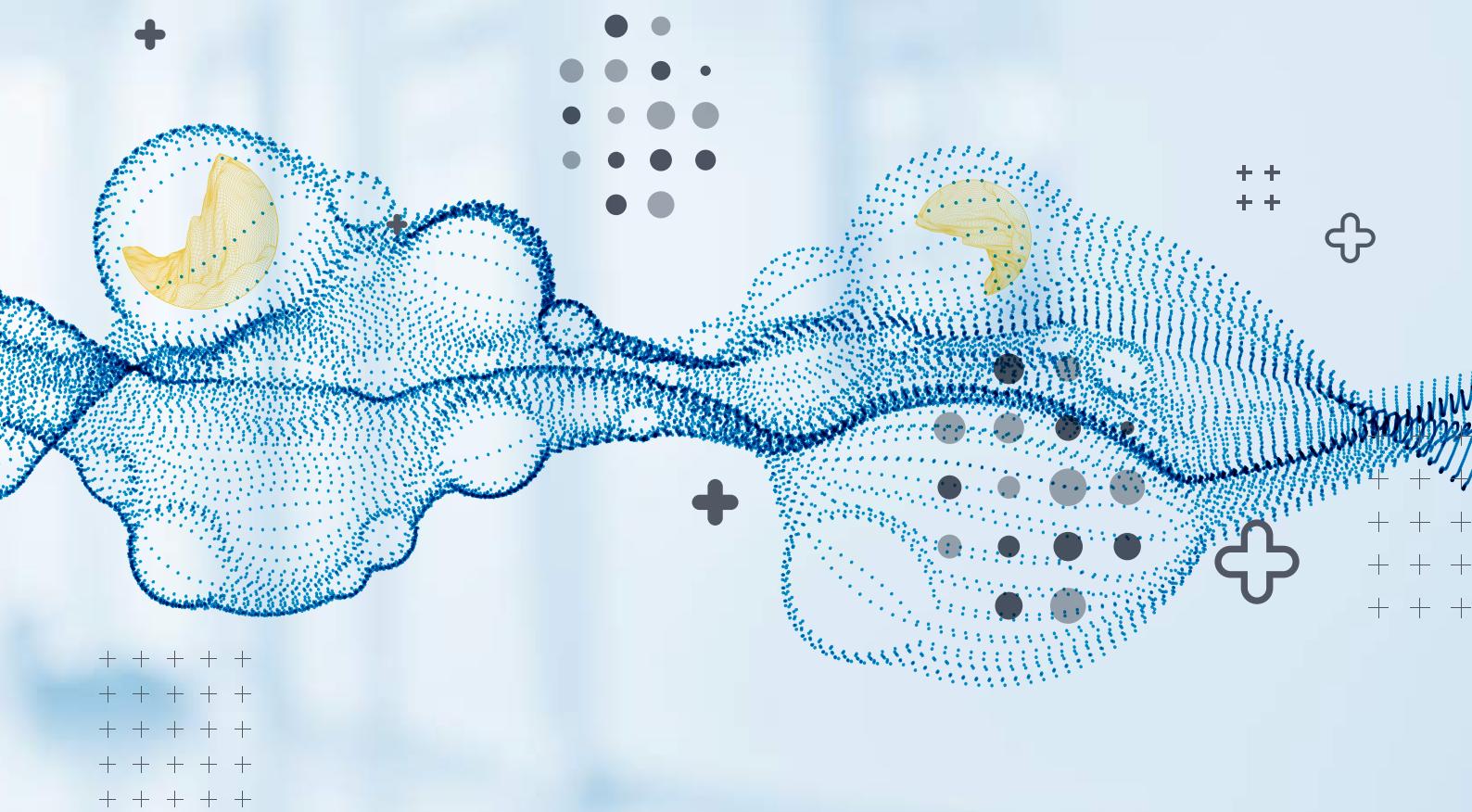
Consultoría de calidad cercana



Proficiency testing

PROFICIENCY TESTING 2023

Real, like your job







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2023



Annual planification of exercises

Annual planification. 2023

PROFICIENCY TEST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC
ENVIRONMENTAL SECTOR													
Drinking water, continental water		A-1	MAC-1	A-2						A-3		A-4	
EPhysico-chemical and microbiological tests in high salinity waters										MAC-2		AS	
Waste water		AR-1			AR-4	AR-2			AR-3		WM-2		
Microbiology: drinking water and continental water		WM-1									WM-3		
AGRIFOOD SECTOR													
Food Microbiology (Food and animal feeding stuff)		MIA-1		MIA-3		MIA-7	MIA-10			MIA-11	MIA-12	MIA-13	
		MIA-2		MIA-4		MIA-8				MIA-14		MIA-14	
				MIA-5		MIA-9				MIA-15		MIA-15	
MIA-6													
Environmental and surface microbiological control				MAS-1						MAS-3			
Residues in agri-food products				MAS-2						MAS-4			
Heavy metals in food						RES-1				RES-2			
Olive Oil							MPA-1			MPA-2			
							OLIVE-1			OLIVE-3			
							OLIVE-2			OLIVE-4			
Nutritional composition								NU		WINE	CER	MEAT	
Preservatives in food								CA					
Oil fat yield in olives										RGA			
Allergens in food								GLU-1			GLU-2		
Histamine in fishery products										HIS			
Nitrates in fruit and vegetables										NI			
Foliar										FOL			
Acrylamide in food											ACRI		
Toxins in food											TOX		
Agricultural soils*											*SU		
OTHER CONSUMER PRODUCTS													
Microbiology in cosmetics and personal hygiene products												COSM	

The activities marked with (*) are not accredited by ENAC.
G.S.C. It is accredited by ENAC as Proficiency Testing Provider with accreditation no. 06/PTI011.
You can see the scope on the website of ENAC (<http://www.enac.es>) or in our website: www.ptgsc.com

2023



Environmental Sector

Circuit	Round code	Parameters	Sample delivery date
Drinking and continental water	GSCA-1/2023	Drinking water: Free chlorine / Total residual chlorine / Combined chlorine/ pH / Conductivity at 20 °C / Nitrates / Nitrites / Total Phosphor /Phosphates / Fluorides / Ammonium / Chloride / Sodium / Potassium / Sulfates	28-february
	GSCA-2/2023	Continental Water: True Color / Turbidity/ Conductivity at 20° C / pH / Dry residue at 180 °C / Hardness / Alkalinity / Carlcium / Magnesium / Carbonates / Bicarbonates / Langelier index* / Sodium / Potassium / Nitrates / Nitrites / Chloride / Sulfates / Cyanides/	19-april
	GSCA-3/2023	Treated Continental Water: Free Chlorine / Total residual Chlorine / Combined Chlorine / pH/ Conductivity at 20°C / Ammonium / Total phosphor / Phosphates / Chloride / Sodium / Potassium /Calcium /Magnesium / TOC / Nitrates / Nitrites / Fluorides / Sulfates/ Oxidability/Iron	27-september
	GSCA-4/2023	Drinking water: True Color / Turbidity / pH / Conductivity at 20 °C / Nitrates / Nitrites / Ammonium / Fluorides / Total Phosphor / Phosphates / Sodium / Potassium / Chlorites * / Chlorate *	15-november
Sea water and saline waters	GSCMAC-1/2023 ⁽¹⁾	Cadmium / Manganese / Nickel / Lead/ Zinc / Aluminium / Total Chromium / Copper / Iron / Mercury	15-march
	GSCMAC-2/2023	Arsenic / Antimony / Boron / Selenium / Cadmium /Manganese / Lead / Aluminium / Iron / Mercury	27-september
	GSCAS/2023	Nitrates / Nitrites / Phosphates / Ammonium / pH / Conductivity at 20°C / Silica / Boron / Chlorides / Fluorides / Sulfates/Copper / Mercury / Lead / Arsenic / Iron / Nickel / Kjeldhal Nitrogen/ Total Phosphorus* <i>Escherichia coli</i> enumeration / Intestinal enterococci enumeration	3-october

(1) Includes metals from the list of priority substances of Directive 2000/60 / EC.



Physico-Chemical parameters

09

Circuit	Round code	Parameters	Sample delivery date
Waste Water	GSCAR-1/2023	Waste water. Low contamination: pH / Conductivity at 25 °C / BOD5 / COD / Suspended solids / Kjeldahl Nitrogen/ Total Phosphor / Total chromium / Iron / Mercury / Chlorides / Total Nitrogen / Nitrogen (ammonia) / Phosphates / Copper / Nitrates / Fluorides*	15-march
	GSCAR-2/2023	Industrial waste water: Conductivity at 25°C / BOD5 / COD / TOC / Phenols / pH / Anionic detergents / Arsenic / Cadmium / Lead / Chromium VI / Suspended solids (high salinity water)	7-june
	GSCAR-3/2023	Waste water medium-high contamination: Conductivity at 25°C / BOD5 / COD / Suspended solids/ pH / Mercury/ Nickel/ Zinc/ Tin/ Barium/Oil and grease / Dissolved or emulsified hydrocarbons/ Total Phosphor/ Kjeldahl Nitrogen	20-september
	GSCAR-4/2023 ⁽²⁾	Waste water: Toxicity (inhibitor materials) The round includes two different samples	9-may

(2) This exercise will depend on the number of participants



Circuit	Round code	Parameters	Sample delivery date
Microbiology: Drinking water and continental water	GSCWM-1/2023	Drinking water: Colony count at 36 °C Colony count at 22 °C Coliforms enumeration <i>Escherichia coli</i> enumeration Intestinal Enterococci enumeration <i>Clostridium perfringens</i> enumeration	7-march
	GSCWM-2/2023	Continental water: Colony count at 36 °C Colony count at 22 °C Coliforms enumeration <i>Escherichia coli</i> enumeration Intestinal Enterococci enumeration <i>Clostridium perfringens</i> enumeration	14-november
	GSCWM-3/2023	Pool water: Colony count at 36 °C <i>Escherichia coli</i> enumeration <i>Pseudomonas aeruginosa</i> enumeration	14-november
	GSCLEG-1/2023 ⁽²⁾	Drinking water: Legionella spp count by culture Legionella spp enumeration (ufc/L) Detection of <i>L. pneumophila</i> serogroup- 1 Detection of <i>L. pneumophila</i> serogroup- 2-15	28-march
	GSCLEG-2/2023 ⁽²⁾	Treated continental water: Legionella spp count by culture Legionella spp enumeration (ufc/L) Detection of <i>L. pneumophila</i> serogroup- 1 Detection of <i>L. pneumophila</i> serogroup- 2-15 Colony count at 36 °C	26-september

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NEXT ROUNDS TO BE PUBLISHED

- Phenolic compounds in drinking water round.
- Benzene, Toluene and Xylenes in Drinking Water Round.
- Trihalomethanes in Drinking Water Round.
- Chlorinated Compounds in Drinking Water Round.
- PAHs (Polycyclic Aromatic Hydrocarbons) in drinking water round.
- Organochlorine pesticides in drinking water round



2023



Agrifood Sector



Circuit	Round code	Parameters	Sample delivery date
Food chain's Microbiology (Food and animal feeding stuff)	GSCMIA-1/2023	Fishery product: (Raw cod): Coagulase-positive staphylococci enum. Enterobacteriaceae enumeration <i>Escherichia coli</i> enumeration Fishery product: (Smoked fish): Colony count at 30°C <i>Listeria monocytogenes</i> enumeration Detection of <i>Salmonella</i> spp.	7-march
	GSCMIA-2/2023	Fishery product: (Raw cod): Detection of <i>Shigella</i> spp. Producto de la pesca (Salmón ahumado): Detection of <i>Shigella</i> spp.	7-march
	GSCMIA-3/2023 (non-pathogenic)	Milk product (ice cream): Colony count at 30 °C Coagulase + staphylococci Molds and yeast enumeration Psychrophilic microorganisms enumeration * Lactic acid bacteria enumeration * Detection of Enterobacterias	7-march
	GSCMIA-4/2023	Meat product (minced meat): Pref. Enterobacterias <i>Escherichia coli</i> enumeration Coagulase-positive staphylococci enum. Meat product (sausage): Colony count at 30 °C Detection of <i>Salmonella</i> spp. <i>Listeria monocytogenes</i> enumeration	14-march
	GSCMIA-5/2023	Meat product (minced meat): Detec. <i>Escherichia coli</i> O157 (Not suitable for PCR methods for STEC) Fruit and vegetable product (carrot): Detec. <i>Escherichia coli</i> O157 (Not suitable for PCR methods for STEC)	28-march
	GSCMIA-6/2023	Food (cured and semi-cured cheese) 2 samples: Detec. Staphylococcal toxin.	28-march
	GSCMIA-7/2023	Fruit and vegetable product (carrot): Coliforms enumeration <i>Listeria monocytogenes</i> enumeration Detection of <i>Salmonella</i> spp. Fruit and vegetable product (banana): Colony count at 30 °C Enterobacteriaceae enumeration <i>Escherichia coli</i> enumeration Detection of <i>Listeria monocytogenes</i>	11-april
	GSCMIA-8/2023	Powdered milk for infants (2 samples): Detection of <i>Cronobacter</i> spp. Detection of Enterobacteriaceae	18-april
	GSCMIA-9/2023	Prepared dish (Cooked rice): <i>Clostridium perfringens</i> enumeration <i>Bacillus cereus</i> enumeration Meat prepared (Pate): <i>Clostridium perfringens</i> enumeration <i>Bacillus cereus</i> enumeration	18-april

Circuit	Round code	Parameters	Sample delivery date
Food chain's Microbiology	GSCMIA-10/2023	Prepared dish. Pastry product (cake): <i>Escherichia coli</i> enumeration Molds and yeast enumeration Detection of <i>Salmonella</i> spp. Detection of <i>Listeria monocytogenes</i> Prepared dish (Mayonnaise): Detection of <i>Listeria monocytogenes</i> Coliforms enumeration Coagulase-positive staphylococci enum.	30-may
	GSCMIA-11/2023	Product for animal feed: Colony count at 30 °C <i>Escherichia coli</i> enumeration Enterobacterias enumeration Moulds and yeasts enumeration Detection of <i>Salmonella</i> spp. Detection of <i>Listeria monocytogenes</i>	19-september
	GSCMIA-12/2023	Milk product (Yogurt): <i>Escherichia coli</i> enumeration <i>Listeria monocytogenes</i> enumeration Detection of <i>Salmonella</i> spp. Milk product (Cheese): Coliforms enumeration Coagulase-positive staphylococci enum. Detection of <i>Listeria monocytogenes</i>	24-october
	GSCMIA-13/2023 (Ronda no patógenos)	Meat product (Cooked ham): Colony count at 30 °C Coliforms enumeration Enterobacterias enumeration Moulds and yeasts enumeration Sulfite-reducing anaerobic bacteria enumeration * Sulfite reducing Clostridium enumeration	14-november
	GSCMIA-14/2023	Meat product (Chicken): <i>Campylobacter</i> spp. enumeration Meat product (Chicken): Detection of <i>Campylobacter</i> spp.	21-november
	GSCMIA-15/2023 (non-pathogenic)	Low water activity products (Breakfast cereals): Colony count at 30 °C Enterobacterias enumeration <i>Escherichia coli</i> enumeration Coagulase-positive staphylococci enum. <i>Clostridium perfringens</i> enumeration Moulds and yeasts enumeration	21-november

NEW PARAMETER!

NEW!



Circuit	Round code	Parameters	Sample delivery date
Environmental and surface microbiological control	GSCMAS-1/2023	Abrasive Sponge: <i>Salmonella</i> spp. detection Abrasive Sponge: <i>Listeria monocytogenes</i> detection <i>Listeria</i> spp. detection	25-april
	GSCMAS-2/2023	Contact plate 55 mm Ø TSA/PCA: Aerobic colony count Contact plate 55 mm Ø VRBG: Total Enterobacteriaceae count Contact plate 55 mm Ø Rose of Bengal: Mold and yeast count *	25-april
	GSCMAS-3/2023	Swab: Aerobic colony count Swab: Total Enterobacteriaceae count	17-october
	GSCMAS-4/2023	Swab: <i>Salmonella</i> spp. detection Swab: Total Enterobacteriaceae count Swab: <i>Listeria monocytogenes</i> detection <i>Listeria</i> spp. detection	17-october

Residues in food products

Circuit	Round code	Parameters	Sample delivery date
Residues in agrofood products	GSCRES-1/2023 ⁽²⁾	Residues in fruit and vegetable products: Pear Abamectin / Acetamiprid / Acrinathrin / Azadiractin / Azoxystrobin / Deltamethrin / Diphenoconazole / Spiromesifen / Fluopiram / Fluxapyrosad / Lamda-Cyhalothrin / Metalaxyl / Pentachloroaniline / Pyriproxyfen / Propamocarb / Thiacloprid / Spinosad / Glyphosate / Aluminium fosetyl (sum of fosetyl, phosphonic acid and its salts) / Ethhephon	13-june
	GSCRES-2/2023 ⁽²⁾	Olive paste residues: Acetamiprid / Benalaxyd / Bromopropylate / Carbaryl / Cypermethrin / Chlorpyrifos / Chlorpyrifos-methyl / Ethion / Kresoxim-methyl / Diuron / Linuron / Methathion / Methomyl / Pirimicarb / Propamocarb / Promethrin / Simazine / Tetradifon / Thiacloprid / Vinclozoline	10-october

Heavy metals in food products

Circuit	Round code	Parameters	Sample delivery date
Residues in agrofood products	GSCMPA-1/2023	Fishery product and derivatives (Canned sardines in olive oil): Arsenic / Tin / Cadmium / Lead / Copper / Manganese / Iron / Zinc / Mercury	26-april
	GSCMPA-2/2023	Vegetable product (Spinach): Arsenic / Tin / Cadmium / Lead / Copper / Iron / Zinc / Mercury / Selenium / Chrome	18-october

(2) This exercise will depend on the number of participants

Circuit	Round code	Parameters	Sample delivery date
Olive oils	OLIVEOIL-1/2023	Olive oil; quality parameters: Acidity / Peroxides Index / K270/268/ K232/ ΔK / Ethyl esters / Moisture / Impurities No. of samples: 2	8-march
	OLIVEOIL-2/2023	Olive oil; authenticity parameters: Aliphatic alcohols / 2-glyceryl monopalmitate / Difference ECN 42 / Unsaponifiable matter / Sterols profile / Total sterols / Eritrodiol + Uvaol / Fatty acid profile / Trans oleic isomers / Trans linoleic + linolenic isomers / Stigmastadienes / Waxes / 1:2/1:3 ratio of Diglycerides / ECN-42 Real No. of samples: 2	8-march
	OLIVEOIL-3/2023	Olive oil organic and inorganic contaminants: Arsenic / Lead / Cadmium / Mercury / PAHs (benzo (a) pyrene, benzo (a)anthracene, benzo(b)fluoranthene, chrysene)/ Investigation of 7 pesticides, and, in case of presence, their quantification (Clorpirifos, Clorpirifos-Metil, Diflufenican, Kresoxim-Metil, Oxifluorfen, Tebuconazol y Trifloxistrobina), 3MCPD (3 monochloropropanediol)*/ Glycidyl esters of fatty acids (expressed as glicide)* No. of samples: 1	10-october
	OLIVEOIL-4/2023	Olive oil: Organoleptic assessment: Organoleptic evaluation of olive oil No. of samples: 3	10-october



Nutritional composition

Circuit	Round code	Parameters	Sample delivery date
Food nutritional composition	GSCWINE/2023 ⁽²⁾	Wine (Red wine): Volumetric alcoholic strength / Total acidity / Volatile acidity / Methanol / pH / Reducing sugars / Glucose/ Fructose / Volumetric mass at 20°C / Dry extract / Potassium / Folin-ci-ocalteu index / Total sulfur / Free sulfur / Gluconic acid / L- malic acid / Citric acid / Glycerin/ Sorbic acid	27-september
	GSCCER/2023 ⁽²⁾	Food paste - cereals (Toasted bread): Ashes at 550°C / Fat / Saturated fat / Carbohydrates / Moisture / Protein (N% x 6.25) / Sodium / Energy value / Salt/ Dietary Fibre	25-october
	GSCNU/2023	Prepared dish (Meat lasagna): Fat with pre-hydro-lysis / Saturated Fat / Ash / Protein / Carbohydrates / Total sugars / Dietary fiber / Sodium / Calcium/ Total Phosphorus/ Energy/ Moisture	6-june
	GSCMEAT/2023 ⁽²⁾	Meat Product (Saxony cutlet): Moisture / Fat / Saturated fat / Protein / Total phos-phorus / Ashes / Sodium / Nitrates / Nitrites / Total sugars / Carbohydrates / Hydroxyproline / pH / Energy value / Water activity / Salt	7-november

Food preservatives

Circuit	Round code	Parameters	Sample delivery date
Preservatives in food	GSCCA/2023	Fish substitute (surimi) and canned white beans: Sodium metabisulfite (Sulfur dioxide) 2 Samples	11-april

Allergens in food

Circuit	Round code	Parameters	Sample delivery date
Allergens in food	GSCGLU-1/2023	Meat preparation (Salami): Gluten (Detection and quantification)	25-april
	GSCGLU-2/2023	Product derived from cereals (biscuit): Gluten (Detection and quantification)	15-november

Histamine in fishery products

Circuit	Round code	Parameters	Sample delivery date
Histamine in fishery products	GSCHIS/2023	Fishery product (Fish sauce): Histamine	25-october

⁽²⁾ This exercise will depend on the number of participants

Nitrates in fruits and vegetables

Circuit	Round code	Parámetros	Sample delivery date
Nitrates in fruit and vegetables	GSCNI/2023	Cabbage: Nitrates	12-september

Foliar

Circuit	Round code	Parameters	Sample delivery date
Foliar	GSCFOL/2023	Kjeldahl nitrogen / Total phosphor / Boron / Potassium / Iron* / Copper / Zinc / Calcium* / Manganese* / Magnesium* No. of samples: 2 (olive and grapevine leaves)	13-june

Acrylamide in food

Circuit	Round code	Parameters	Sample delivery date
Acrylamide	GSCACRI/2023 ⁽²⁾	Baby cereal: Acrylamide	17-october

(2) This exercise will depend on the number of participants



Circuit	Round code	Parameters	Sample delivery date
Mycotoxins	GSCTOX/2023 ⁽²⁾	Soluble coffee: Ochratoxin A, deoxynivalenol (DON)* and Zearalenone (ZON)*	17-october NEW!

Agricultural Soil

Circuit	Round code	Parameters	Sample delivery date
Agricultural Soil *	*GSCSU/2023 ⁽²⁾	Moisture / pH (1:5) / pH (1:2,5) / Conductivity at 25°C (1:5) / Conductivity at 25°C (1:2,5) / Total organic matter / phosphorus Olsen / Chlorides / Nitrates / Sulfates / Ca ²⁺ / Mg ²⁺ / Na ⁺ / K ⁺ / Cation Exchange capacity / Total nitrogen/ Kjeldahl nitrogen / Calcium carbonate / Texture/Active limestone	12-september

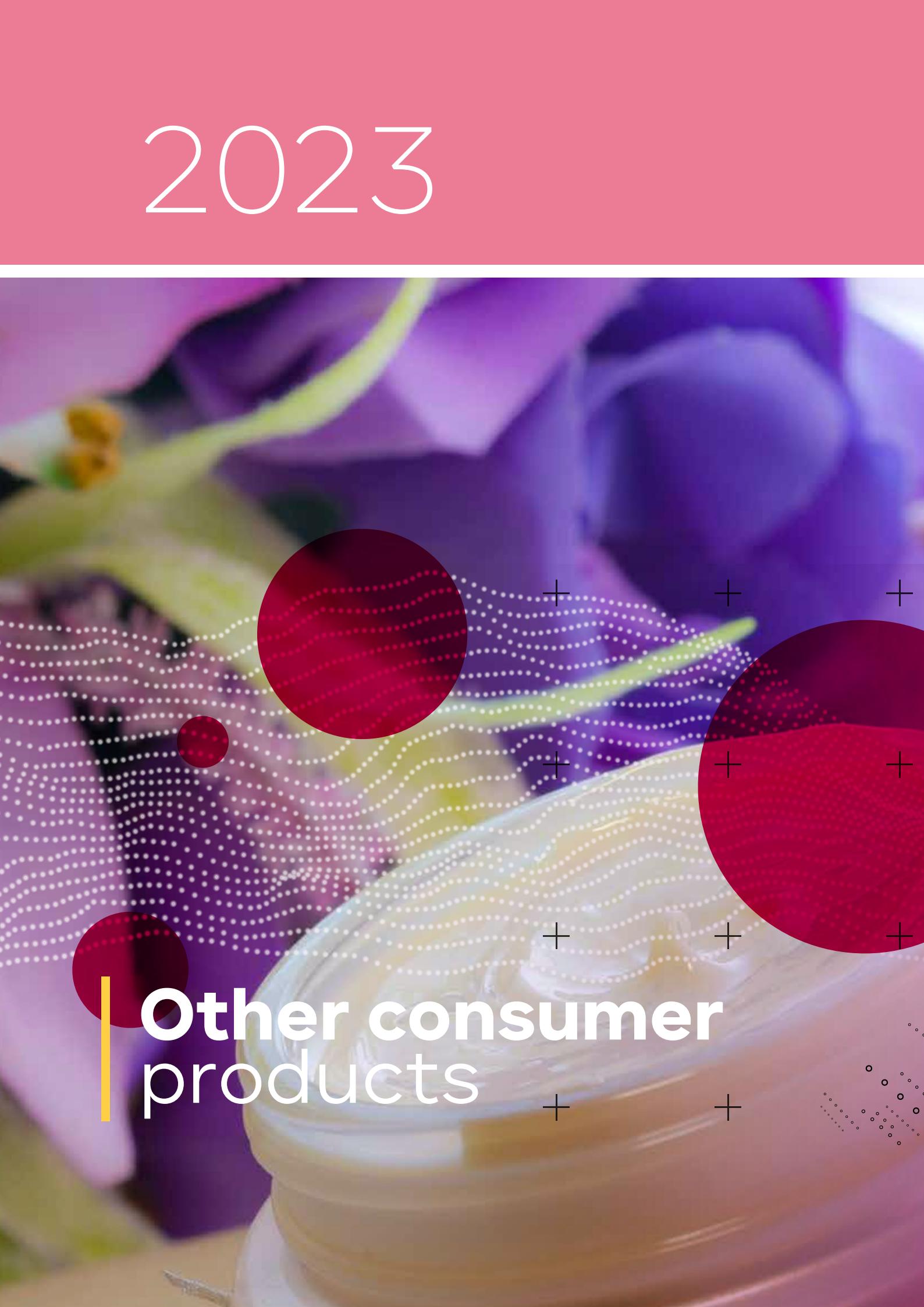
Oil fat yield

Circuit	Round code	Parameters	Sample delivery date
Oil fat yield	GSCRGA/2023	Fat (on wet matter) / Fat (on dry matter) / Moisture The round includes two olives different samples	21-november

(2) This exercise will depend on the number of participants



2023



| Other consumer products

Other consumer products microbiology

Circuit	Round code	Parameters	Sample delivery date
Microbiology in cosmetic and personal hygiene products	GSCCOSM/2023	Cosmetic product (Body oil): Mesophilic aerobic at 30 °C enumeration/ Yeasts and molds enumeration / Detec. <i>Escherichia coli</i> / Detec. <i>Candida albicans</i> / Detec. <i>Staphylococcus aureus</i> / Detec. <i>Pseudomonas aeruginosa</i>	3-octubre



2023



Prices & Discounts

DISCOUNT POLICY

The discount detailed below will be applied to the additional rounds in which the registration is made:

- **From 2 to 5 rounds: 5%**
- **From 6 to 10 rounds: 10%**
- **From 10 rounds a discount of 15% will be applied**

The discounts will be applied only to the rounds that are contracted in the same request. **These discounts will only apply if a single invoice is issued at the time of request.**

Please note that some exercises are not included in the discount policy.

Laboratories belonging to the same business group may benefit from discounts equivalent to participating in several rounds for the same laboratory.

Additional discount

5%

Enrollments made before December 31, 2022 for 2023 proficiency testing participations.





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PRICE LIST FOR 2023

There is a price list available at www.ptgsc.com with the prices for each exercise. Always consider the latest published revision of this document.

For insular and international shipments, check our web or contact GSC through:

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Registration can be made up to approximately one month before the start of the test. Check our web.





group



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