

### easi-tab ™

## Microbiology QC/Reference Materials 2023 APPLICATION FORM

Please complete all sections below and return to LGC: <a href="mailto:axiopt@lgcgroup.com">axiopt@lgcgroup.com</a>				
Purchase order no. (compulsory):				

easi-tab<sup>™</sup> are microorganisms presented in an easy-to-use lyophilized format as either individual **tablets (T)** or **vials (V)**. The microorganisms present in the easi-tab<sup>™</sup> can be quickly resuscitated when required and are presented with a Statement of Measurement, showing the average level and the range using 95% confidence limits. Further information about the use of easi-tab<sup>™</sup> can be found in the instruction leaflet.

The approximate levels of microorganisms in each product are given for guidance but may vary from batch to batch, further information regarding batch levels can be found on the Statement of Measurement for each product.

Level description	Target level (cfu/unit)	Range (cfu/unit)
High	50,000	>10,000
Medium	5000	1000 to 10,000
Intermediate	500	200 to 1000
Low	50	<200

#### easi-tab™ - Food microbiology enumeration tests

Product details are given in the table below, please indicate the number of products required in the appropriate grid.

Product Code LGCMIC	Туре	Organism	Test(s) for enumeration of:	Approx level	10 pack
RM01	T	Enterococcus faecalis	Total viable count	High	
RM03	V	Escherichia coli	E. coli / Coliforms / Enterobacteriaceae	High	
RM04	V	Staphylococcus aureus	S. aureus / Staphylococcus spp	High	
RM05	Т	Bacillus cereus	B. cereus / Bacillus spp	High	
RM06	Т	Clostridium perfringens	C. perfringens / Clostridium spp	High	
RM07	T	Lactococcus lactis	Lactic acid bacteria	High	
DM11	V	Enterococcus faecalis	Total viable count	High	
RM11		Escherichia coli	E. coli / Coliforms / Enterobacteriaceae	High	]
DN412	Т	Saccharomyces cerevisiae	Yeast and/or Mould	High	
RM12		Penicillium chrysogenum	Total yeast and mould (fungal count)	High	]
RM15	Т	Enterococcus faecalis	Enterococcus spp.	High	
RM17	V	Pseudomonas aeruginosa	P. aeruginosa / Pseudomonas spp.	High	
RM20	T	Saccharomyces cerevisiae	Yeast	High	
RM22	Т	Penicillium chrysogenum	Mould	High	
RM23	T	Bacillus subtilis	Aerobic spore count	High	
RM28	Т	Listeria monocytogenes	L. monocytogenes / Listeria spp.	High	

#### easi-tab™ - Food microbiology detection tests

Product details are given in the table below, please indicate the number of products required in the appropriate grid.

Product Code LGCMIC	Туре	Organism	Test(s) for detection of:	Approx level	10 pack
RM08	Т	Salmonella ser. Abony	Salmonella (Group B)	Low	
RM09	T	Listeria monocytogenes	L. monocytogenes / Listeria spp.	Low	
RM25	Т	Escherichia coli O157:H7	E. coli O157:H7 (non-toxigenic)	Low	
RM68	Т	Cronobacter sakazakii	Cronobacter spp.	Low	
RM69	Т	Salmonella ser. Typhimurium	Salmonella (Group B)	Low	
RM70	Т	Salmonella ser. Tranoroa	Salmonella (Group O:55)	Low	



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#### easi-tab™ - Water microbiology enumeration and/or detection tests

Product details are given in the table below, please indicate the number of products required in the appropriate grid.

Product Code LGCMIC	Туре	Organism and strain	Test(s) for enumeration and/or detection of:	Approx level	10 pack	30 pack
RM29	Т	Enterococcus faecalis	Total viable count at 22°C and 37°C	Medium		
RM30	V	Escherichia coli	E. coli / MF	Low		
RM31	V	Pseudomonas aeruginosa	<i>P. aeruginosa</i> / MF	Low		
RM32	Т	Enterococcus faecalis	Enterococci / MF	Low		
RM33	Т	Clostridium perfringens	C. perfringens / MF	Low		
RM34	V	Raoultella planticola	Coliforms / MF	Low		
RM74	V	Staphylococcus aureus	S. aureus/Staphylococci spp /MF	Low		
RM47	V	<i>Legionella pneumophila</i> Sg 1	Legionella pneumonia	High		
RM48	V	Legionella bozemanii	Legionella species	High		

#### easi-tab™ - Beverage's microbiology enumeration and/or detection tests

Product details are given in the table below, please indicate the number of products required in the appropriate grid.

Product Code LGCMIC	Туре	Organism and strain	Test(s) for enumeration and/or detection of:	Approx level	10 pack
RM76	T	Zygosaccharomyces rouxii	Osmophilic yeast	Low	
RM77	Т	Aspergillus brasiliensis	Osmophilic mould	Low	
RM78	Т	Leuconostoc mesenteroides	Lactic acid bacteria	Low	
RM73	T	Alicyclobacillus acidoterrestris	Thermophilic acidophilic bacteria	Low	

#### easi-tab™ - Pharmaceutical microbiology enumeration and/or detection tests

Product details are given in the table below, please indicate the number of products required in the appropriate grid.

Product Code Type LGCMIC		Organism and strain	Test(s) for enumeration and/or detection of:	Approx level	10 pack	
RM79	Т	Candida albicans	Yeast	High		
RM80	Т	Aspergillus brasiliensis	Mould	High		
RM03	V	Escherichia coli	<u>E. coli</u>	High		
RM04	V	Staphylococcus aureus	S. aureus	High		
RM17	V	Pseudomonas aeruginosa	P. aeruginosa	High		

#### easi-tab™ - Sterile Matrix

Product details are given in the table below, please indicate the number of products required in the appropriate grid.

Product Code LGCMIC	Organism and strain	Quantity (g)	1 pack
RM52	Sterile skimmed milk powder (milk & dairy testing)	50	
RM54	Sterile oatmeal (food testing)	50	
RM56	Sterile cocoa powder (confectionery testing)	50	
RM58	Sterile dried diced chicken (meat testing)	50	
RM60	Sterile dried seafood (seafood testing)	50	



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easi-tab™ - Special Orders

#### **BULK ORDER FOR SINGLE PRODUCTION LOTS.**

**Enables Quality Manager to compare results from each of their laboratories** 

#### For your convenience and efficiency, we can offer a pre-allocated batch service.

How it works

You pre-order a specific quantity of packs and request that every pack comes from a single batch/lot This quantity is preallocated to you. Depending on stock levels a new batch may be manufactured, please note this can take 4 weeks

#### Advantage

These can be

- 1. either sent immediately, or, if you prefer,
- 2. you call off a number of packs as and when you need them.

This invokes our storage and management service where we organise safe storage in the freezer in Bury. There is a nominal material management charge

#### **CUSTOM BESPOKE PRODUCT SERVICE**

If you have a requirement for an organism or level which is not available in our standard range of products listed above.

Please send an enquiry to <a href="mailto:axiopt@lgcgroup.com">axiopt@lgcgroup.com</a> stating the organism needed, the desired level (expressed as cfu per vial/tablet), the required the quantity for the first batch, any regularity of the supply required and the list of countries to be delivered to and confirmation that each of those sites have all special local licences that are required to import and received that organism. Note some countries require a customs form to be completed

We will ascertain if an appropriate culture can be secured, the costs for the bespoke production and an estimated time.

#### **Conditions of Supply:**

Shelf life 24 months from production date. Please check individual packs for information regarding shelf-life. Delivery under cooled conditions, all reference materials to be stored at <-15°C.

#### **Key to abbreviations:**

RM Reference Material cfu Colony Forming Units

g Gram

MF Membrane filtration

Please fill in your address details below:



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## Microbiology QC/Reference Materials 2023 APPLICATION FORM

Send Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
E-mail:	E-mail:
	VAT no:

#### Please note:

- Please contact LGC for prices.
- VAT (charged at the prevailing rate) is payable by all customers based in the UK.
- Customers will pay an additional fee to cover courier charges. If you would like a guide as to these charges, please contact LGC.
- All courier charges set by LGC do not include local import charges, taxes (etc.), which will be covered by the customer.
- Do not send remittance with this form, you will be invoiced after the despatch of the materials.
- Please note, for large orders there may be a 4-week lead time if samples are required from the same batch.

<u>Existing customers</u> If you would like to change your marketing preferences, please visit our <u>preference centre</u> or contact <u>axiopt@lgcgroup.com</u>					
New customers  LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.					
Yes, I am happy to be contacted about LGC's products, services and research					
No, I do not require marketing information about LGC's products and services at this time					

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Furthermore, for test samples containing microorganisms with a biosafety level (BSL) of 1 or 2, you are confirming that

- you are complying with applicable laws and regulations and
- you shall ensure that laboratory facilities and expertise of staff are adequate for the safe handling and disposal of these organisms.

Name Date	



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#### List of strain references and equivalent strains (where appropriate)

Organism	RM Product	Source	ATCC	WDCM	Other
Alicyclobacillus acidoterrestris	73	NCIMB 13137	49025	-	
Aspergillus brasiliensis	77, 80	NCPF 2275	16404	00053	
Bacillus cereus	05	NCTC 7464	10876	-	
Bacillus subtilis	23	NCTC 10400	6633	00003	
Candida albicans	79	NCPF 3179	10231	00054	
Clostridium perfringens	06	NCTC 8797	-	-	
Clostridium perfringens	33	NCTC 1265	-	-	
Cronobacter sakazakii	68	NCTC 11467	29544	02214	
Enterococcus faecalis	01, 15, 29	NCTC 775	19433	00009	
Escherichia coli	03, 11, 30	NCTC 9001	11775	00090	
Escherichia coli O157:H7	25	NCTC 12900	700728	00014	
Lactococcus lactis	07	NCTC 6681	19435	00016	
Legionella bozemanii	48	NCTC 11368	33217	-	
Legionella pneumophila sg1	47	NCTC 11192	33152	00107	
Leuconostoc mesenterioides	78	NCTC 12954	8293	-	
Listeria monocytogenes	09, 28	NCTC 11994	-	00019	
Penicillium chrysogenum	12, 22	NCPF 2802	-	-	
Pseudomonas aeruginosa	17, 31, 32	NCTC 10662	25668	00114	
Raoultella planticola	34	NCTC 9528	-	-	
Saccharomyces cerevisiae	12, 20	NCTC 10716	9763	00058	
Salmonella ser. Abony	08	NCTC 6017	BAA-2162	00029	
Salmonella ser. Typhimurium	69	NCTC 12023	14028	00031	
Salmonella ser. Tranoroa	70	NCTC 10252	700148	-	
Staphylococcus aureus	04, 74	NCTC 6571	9144	00035	
Zygosaccharomyces rouxii	76	NCPF 3879	-	-	

Please note that LGC use source strains under licence and other strain references are given for information only.

NCTC = National Collection of Typed Cultures (UK)

NCPF = National Collection of Pathogenic fungi (UK)

NCIMB = National Collection of Industrial and Marine bacteria (UK)

ATCC = American Type Culture Collection (USA)

WDCM = World Data Centre for Microorganisms