

A background image of various laboratory glassware including a large beaker, a flask, and a graduated cylinder, all containing clear liquid. A large red circle is overlaid in the center of the image.

2021

Test list

Valid from
1 July 2021 - 30 June 2022



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Gribbles Scientific, for the best service in food testing.





Gribbles Scientific: providing tailored solutions for all your food and environmental testing needs.

- Microbiology
- Analytical chemistry
- Pathogen testing
- Nutritional analysis
- Shelf life testing
- Vitamins
- Allergens
- Hygiene monitoring
- Elemental analysis
- Feed and meal (including fish, meat, bone, blood and feather meal) testing

Talk to us today.

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Introduction

Gribbles Scientific's laboratory testing service provides the results you need to optimise your production process and get your product to market quickly and economically.

Our team of experts can assist with all your food testing requirements. Microbiology testing including significant pathogens, along with food hygiene monitoring and water testing. We also provide chemistry testing service including nutritional information, preservative testing, gluten and trace element analyses.

We provide accurate results, with fast turnaround times (from as little as 24 hours). Gribbles Scientific is an RLP approved laboratory for both microbiology and chemistry testing.

Call 0800 GRIBBLES (0800 474 225) and get the best service in food testing.

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Microbiology test list

Test description	Turn-around time*
APC (aerobic plate count) 30°C - on product	3 days
APC/TAC 35°C - on product	2 days
APC/TAC 30°C - on swab	3 days
APC Rapid	1 day
Bacillus cereus	1 day
Clostridium perfringens	1 day
Campylobacter spp. detection	5 days
Escherichia coli (petrifilm)	2 days
E.coli (petrifilm) - on swabs	2 days
E.coli (3-tube MPN)	2 days
E.coli MPN - water	2 days
E.coli / Total and faecal coliforms (MPN)	2 days
E.coli / Total coliforms (petrifilm)	2 days
E.coli / Total coliforms - swabs	2 days
Enterobacteriaceae	1 day
Enterobacteriaceae - swabs	1 day
Exposure plates (APC)	5 days
Exposure plates (yeast and mould)	5 days
Faecal coliforms (3-tube MPN)	2 days
Faecal coliforms (MPN) - water	2 days
Hygiene Count 30°C	3 days
Hygiene swab - Total aerobic grade and coliform	3 days
Listeria enumeration	2 days
Lactobacillus (lactic acid)	SC
pH	Same day
Salmonella	3 days
Salmonella - up to 5 product	3 days
Salmonella - up to 5 swabs composite	3 days
Salmonella - swabs	3 days
Shigella	2 days

Test description	Turn-around time*
SPC / TAC 22°C - water	3 days
SPC / TAC 37°C - water	2 days
Staphylococcus	2 days
Staphylococcus aureus	2 days
Staphylococcus aureus - swabs	2 days
Supermarket swabs - TAC area	2 days
Supermarket swabs - TAC cm ²	2 days
TAC (air plates)	5 days
Total and faecal coliform panel (MPN)	2 days
Total coliform (petrifilm)	1 day
Total coliform (petrifilm) - swabs	1 day
Total coliform (3-tube MPN)	2 days
Total coliform (MPN) - water	2 days
Turbidity	SC
Water activity	2 days
Water panel - TC, FC	2 days
Water panel - TC, FC, E.coli	2 days
Water panel - TC, FC, E.coli and TAC 22°/36°C	3 days
Yeast and mould (airplates)	5 days
Yeast and moulds (5 days)	5 days
Yeast and moulds (5 days) - swabs	5 days

MDS (Molecular detection)

MDS Salmonella Single Product	24 hours
MDS Salmonella Composite Product	24 hours
MDS Salmonella Single Swab	24 hours
MDS Salmonella Composite Swab	24 hours
MDS Listeria Single Product	30 hours
MDS Listeria Composite Product	30 hours
MDS Listeria Single Swab	30 hours
MDS Listeria Composite Swab	30 hours

* From day of receipt (for negative samples)

SC = Subcontracted test– pricing subject to change without notification

Chemistry test list

Test description	Turn-around time*
Additives and Preservatives	
Acetic acid	5 days
Nitrate	5 days
Nitrite	5 days
Salt	3 days
Sorbic acid	7 days
Sulphur dioxide	5 days
Total nitrate / nitrite	5 days

Allergens

Gluten	5 days
Histamine	5 days

Composition

Acidity	2 days
Acid value	5 days
Ammonia	TBA
Ash	3 days
Brix	2 days
Chemical lean	3 days
Cholesterol (meat products)	5 days
Collagen	5 days
Fat (crude)	3 days
Fibre (crude)	4 days
Fibre (dietary)	7 days
Foreign matter	3 days

Test description	Turn-around time*
Fibre (dietary)	7 days
Foreign matter	3 days
Fructose	5 days
Galactose	5 days
Glucose	5 days
Lactose	5 days
Lipid profile (includes trans fats)	10 days
Lysine	SC
Maltose	5 days
Moisture	3 days
Omega 3 and 6 lipids	5 days
Pepsin digestibility	4 days
Percentage fill (pies)	2 days
Phosphate	3 days
Protein	2 days
Saturated fat	10 days
Solids	3 days
Sucrose	5 days
Total sugars	5 days
Trans fatty acids	5 days
Vitamin A	7 days

Heavy metals and elemental analysis

ICP-MS panel:	
Preparation and digest	3 days
Analysis	3 days
The following elements are analysed separately:	
Chloride	3 days
Mercury	5 days
Nitrogen	3 days
Tin	3 days
Iodine	SC
Sulphur	SC

Test description	Turn-around time*
Nutritional information panels	
Fibre (dietary)	7 days
Fat (total)	4 days
Fructose	5 days
Galactose	5 days
Glucose	5 days
Lipid profile (includes trans fats)	10 days
Protein	2 days
Saturated fat	10 days
Total sugars	5 days
Trans fatty acids	5 days
Nutritional Information Panel (NIP)	7 days
- Protein / total fat / ash / moisture / sodium / sugars - total / saturated fat / total energy / total carbohydrates	

Tallows, fats and oils

Bleach (tallow)	3 days
Colour (FAC colour - tallows and oils)	2 days
Free fatty acid	3 days
Insoluble impurities	7 days
Peroxide value (extraction required)	4 days
Peroxide value (no extraction required)	3 days
Titre	TBA
Unsaponifiable matter	5 days

Vitamins

Vitamin A	7 days
Vitamin B12	4 days
Vitamin B2	SC
Vitamin B6	SC
Vitamin C	SC
Vitamin D3	SC

Test description	Turn-around time*
Vitamin E	7 days
Miscellaneous	
Species testing (non-routine)	TBA
TVBN	3 days
Wool and hair	3 days
Melamine	SC

* Working days from sample receipt

TBA = To be advised

SC = Subcontracted test—pricing subject to change without notification

POA = Price on application

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