



LATIS SCIENTIFIC

Breakfast Webinar

Suites of Analysis – Their purposes and uses

What is a Suite?

A suite is a pre-defined list of chemical or microbiological tests setup to fulfil a particular analytical requirement.

It can range from only a few simple tests to over a hundred very specialised analyses and all points in between.

Most suites are setup to help us provide information for demonstrating compliance with legislative, standards or guideline requirements.

Latis' standard sample submission forms are designed to assign work to the suites required for the most common analysis undertaken.

F101 Issue 6

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Sample Submission Form		Would you like your results online using our LabPortal service? (Please tick the box) <input type="checkbox"/>																																	
Company:		Sampling Date:	No. of Sampler:																																
Engineer:		Please Note: - Sample Types are Potable (POT), Process (PRO), Recreational (REC), Natural (NAT), Purified (PUR), Sewage (SEW), Effluent (EFF) and Soil/Landfill Leachate (LEA). Please enter the abbreviated code into the Sample Type column below. For any other sample types, please provide details in the Comments box. If the old BSRIA Guide suite is required, please enter 'BSCH' in the 'Other' column.																																	
Contact Details:																																			
Site Name:																																			
Order No:																																			
Sample No.	Sample Point	Sample Type	Regulatory (Y)	Time Sample Taken	<table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="10">CHEMISTRY</th> </tr> <tr> <th>DMC</th> <th>MCFC</th> <th>GC25C</th> <th>GC25C2</th> <th>GC25C3</th> <th>CT EXTERNAL</th> <th>EMC III</th> <th>PCB</th> <th>Other</th> <th>Other</th> </tr> </thead> <tbody> <tr> <td>Drinking Water Chemistry</td> <td>Closed System Full Chemistry</td> <td>Aspergillometry / Completion of Pre-commissioning Clearing</td> <td>BSRIA Chemistry Commission Clearing and Practical</td> <td>BSRIA Chemistry Beakers Pre-commissioning Clearing and Practical Complete bottle.</td> <td>Cooling Tower Chemistry</td> <td>Lake Water Chemistry</td> <td>Process Water Chemistry</td> <td>Other (please specify)</td> <td>Other</td> </tr> </tbody> </table>	CHEMISTRY										DMC	MCFC	GC25C	GC25C2	GC25C3	CT EXTERNAL	EMC III	PCB	Other	Other	Drinking Water Chemistry	Closed System Full Chemistry	Aspergillometry / Completion of Pre-commissioning Clearing	BSRIA Chemistry Commission Clearing and Practical	BSRIA Chemistry Beakers Pre-commissioning Clearing and Practical Complete bottle.	Cooling Tower Chemistry	Lake Water Chemistry	Process Water Chemistry	Other (please specify)	Other
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PLEASE TURN OVER FOR MICROBIOLOGY																																			

Why use a Suite?

Consistency – same tests and dilutions every time samples are submitted.

Convenience – one code on the sample paperwork and sample container. Conditions onsite and during transit can make long lists of analysis difficult to read.

Compliance – using a suite setup to cover all parameters required by a standard is an easy way to demonstrate compliance with it.

Customisation – suites of analysis can be setup for specific projects, specific sites or specific types of analysis.

More reasons to use suites

Reporting out of specification results – reporting limits can be setup allowing highlight of results on the report if they fall outside the range specified by the client.

Dependent or contingent analysis – it is possible to schedule add further tests analysis depending on results.

Cost – suites are better value than specifying tests one by one. This is usually because tests which run on the same instrument at the same time can be discounted as the suite is setup.

Emerging applications – as new or updated standards are published and as our laboratory improves the range of analysis, we ensure that our suites are updated in line with this. Most recently we have created suites for analysis of water for the WELL building standard.

Commonly used suites

HCFC/RDF-21: these are the standard closed system full chemistry and microbiology suites covering everything needed under BSRIA BG50 for closed system analysis. Usually a written interpretive report is supplied with the results.

BG29C/BG29C2/BG29C4: these cover pre-commission cleaning of closed systems 7 days after cleaning, between pre-commission clean and practical completion as well as fill water quality.

DWC/DWM: drinking water chemistry and microbiology suites, these cover common chemical and microbiological parameters to ensure potable water complies with the water supply regulations. Usually a written interpretive report is supplied with the results.

How to get the most out of suites

The first step is to review your requirements, before discussing setting things up with your account manager.

Once everything is agreed we would setup a suite or suites and give you the suite codes to include on bottles and sample paperwork.

Sample submission sheets can also be customized to include specific suites.

To contact Latis about this you can either contact your account manager directly or contact us by telephone on 02088533900 or info@latisscientific.co.uk

Any Questions?

