

**PHE Public Health Microbiology Framework  
Schedule 6 - Commercial Schedule - Variation Form**

**Supplier Matrix and Pricing Schedule Variation - Approvals**

Framework suppliers may wish to offer additional new goods and/or services over the life of the framework where the goods and/or services fall within the scope of the framework and are upgrades/updates on framework products or are products/service that are new to market. Public Health England will review such requests to ensure scope and price is compliant with the framework terms before agreeing to any extension of the framework prices.

Framework suppliers must complete this form (Schedule 6 - Commercial Schedule - Variation Form) to request any upgrades/updates or new products for the framework. This form must also be completed to remove products from the framework.

<b>Framework Supplier</b>		<b>PHE Technical Lead</b>	
<b>Account Manager</b>		<b>Varied products / services in scope of framework?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Lot to be varied</b>		<b>Date scope check approved</b>	
<b>Type of variation</b>	<input type="checkbox"/> Product / service update / upgrade <input type="checkbox"/> New product / service	<b>Procurement Framework Manager</b>	Sari Sippola
		<b>Variation prices compliant?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Date variation submitted</b>		<b>Date variation implemented</b>	
<b>Reasons for rejecting variation</b>			

**General guidance for completion of commercial schedule variation**

All prices must be in Great British Pounds (GBP) and should be **exclusive of VAT**.  
 All prices must include all delivery, installation, configuration or any other costs incurred for the goods and or services to be fit for use.  
 All peripheral equipment should be identified and included / costed within the pricing schedules.  
 All prices are to be based upon a 2 year Framework Agreement, with an option of one or more extensions for up to 24 months.  
 Framework prices must be fixed until the framework expiry on 31st July 2020.

**Pricing Tables Guidance**

All Tenderers are required to complete the pricing tables for which they are able to offer goods and/or services. All goods and/or services to be offered under the framework should be entered into the tables. Tenderers may insert additional rows as required.

Reagent rental pricing is not included in the pricing tables due to the number of variables that need to be agreed to determine the price. Successful tenderers will be required to quote on reagent rental pricing when required on a case by case basis, such pricing to be consistent with the purchase price.

Tenderers may wish to offer additional new goods and/or services over the life of the framework where the goods and/or services fall within the scope of the framework and are upgrades/updates on framework products or are products/service that are new to market. The Authority will review such requests to ensure scope and price is compliant with the framework terms before agreeing to any extension of the framework prices.

Tenderers may offer additional discounts for goods and/or services over the life of the framework. The Authority will review such requests to ensure scope and price is compliant with the framework terms.

The Authority and Participating Authorities reserve the right to seek additional prices for any bespoke requirement that cannot be accurately priced using this Schedule 6 Commercial Schedule. The Authority or Participating Authority will ensure scope and price is compliant with the framework terms before considering additional prices.

The tables contain a number of fields of technical and commercial information. Fields that must be completed are highlighted in green. Fields that are optional are highlighted in blue.

Further guidance explaining each field and the required response is given below including examples where appropriate. All examples are for illustrative purposes only and the Tenderer will exercise due skill and care when completing the tables.

Tenderers are strongly advised to require the persons responsible for completing the tables to have appropriate technical skills and knowledge of the products and/or services.

The Authority reserves the right to seek clarifications and supporting evidence of any entry in the tables in this Schedule 6 Commercial Schedule.

The Authority reserves the right to reject products and services that are outside of the scope of the Framework lot. Further guidance can be found in the Specification and in tender clarifications.

**Table 1 - Equipment**

Field	Definition	Response	Example
Supplier	Economic operator name	Economic operator name	Scientific Supplier Limited
Catalogue Number	Supplier catalogue number	Supplier catalogue number	10000001
Manufacturer Number	Manufacturer number	Manufacturer number	20000002

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<a href="#">Manufacturer Name</a>	Manufacturer name	Manufacturer name	Scientific Manufacturer Limited
<a href="#">Product Description</a>	Full product description	Full product description that unambiguously identifies the product including pathogen/organism and product type	Scientific Supplier PCR Platform
<a href="#">Lot</a>	Which framework lot(s) of Lot 1 Diagnostics, Lot 2 Research and Development and Lot 3 Manufacturing the Supplier is offering the product(s) to	Enter the number only of each lot that the product is offered to. Enter the numbers from lowest to highest.	Examples "1" means the product is offered under Lot 1 only "2" means the product is offered under Lot 2 only "12" means the product is offered under Lot 1 and Lot 2
<a href="#">Category</a>	Microbiology product category	Microbiology product category. Pick from one of the following: Bacteriology Food, Water, Environmental Immunology Molecular Mycology Parasitology Serology Virology Whole Genome Sequencing Multiple Other	
<a href="#">Automation</a>	Is the product for manual or automated use?	"Manual" response if manual use "Automatic" response if automated use "Both" if both manual and automatic	
<a href="#">Open/Closed System</a>	The permission given by the manufacturer for the use of consumables / assays on the equipment	"Open" response if the manufacturer permits the use of generic consumables / assays "Closed" response if the manufacturer requires the use of proprietary instrument specific consumables / assays "Both" response if the Open and Closed response apply	
<a href="#">Sample Preparation Equipment</a>	Is there other equipment compatible with the described product that is used for the preparation of samples?	"Yes" response if there is compatible equipment supplied by the supplier that is required for sample preparation "No" response if there is not compatible equipment supplied by the supplier for sample preparation "N/A" if not applicable	
<a href="#">List of Sample Preparation Equipment</a>	The list of other equipment compatible with the described product that is used for the preparation of samples	List of equipment	Examples Centrifuge Extraction platform Liquid handler
<a href="#">Sample Analysis Equipment</a>	Is there other equipment compatible with the described product that is used for the analysis / amplification of samples?	"Yes" response if there is compatible equipment supplied by the supplier that is required for sample analysis / amplification "No" response if there is not compatible equipment supplied by the supplier for sample analysis / amplification "N/A" if not applicable	
<a href="#">List of Sample Analysis Equipment</a>	The list of other equipment compatible with the described product that is used for the analysis / amplification of samples	List of equipment	Examples Spectrophotometer Plate sealer

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<a href="#">Sample Types</a>	Types of specimen compatible with the product	List all of the specimen types compatible with the product. For more than one sample type, separate each entry with a comma.	List all of the specimen types compatible with the product.  Examples could be: Blood Environmental Food Pus Sputum / Saliva Swabs / Tissue Urine Water (for more than one sample type, separate each entry with a comma)
<a href="#">Minimum Sample Size</a>	Minimum specimen size compatible with the product	Enter minimum specimen size compatible with the product. Enter the unit of measure or N/A if not applicable.	
<a href="#">Datasheet Link</a>	Hyperlink to the suppliers chosen website hosting the product datasheet. The datasheet is a summary of the product performance and technical characteristics and features relevant to microbiology.	Insert a hyperlink to the product technical specification. The link is to a webpage that contains the datasheet information or has a link to a PDF document which is the datasheet.	
<a href="#">Equipment Operating Lifetime</a>	The expected operating lifetime of the equipment where the manufactured item will be serviced and supported by the manufacturer	Enter the operating lifetime of the equipment in years	Examples 2 5
<a href="#">Daily Operating Capacity (Test Numbers)</a>	The maximum daily throughput of tests the equipment is manufactured to process.	Enter the number of tests the equipment can process per day. A day is 8:00 to 18:00	
<a href="#">Energy Consumption</a>	The energy consumption of the equipment as warranted by the manufacturer	Based on a running time of 8:00 to 18:00, enter the energy consumption in kWh	
<a href="#">Footprint</a>	The bench/floor space required to safely operate the equipment	Enter the dimensions (LWD in mm) and bench or floor	Examples Bench:1000x800x800 Floor:3000x2000x1000
<a href="#">Warranty Period</a>	The manufacturers warranty period for the equipment	Enter the duration in months	
<a href="#">List Price</a>	The published list price for the equipment	Enter the published list price in GBP <b>excluding VAT</b>	
<a href="#">Framework Price</a>	The proposed framework price for the equipment. This is the maximum price payable by any Participating Authority.	Enter the framework price in GBP <b>excluding VAT</b>	
<a href="#">Framework Discount (%)</a>	The percentage discount of the framework price compared to the list price	Enter the percentage discount to 1 decimal place	Examples 15% 20% 25%

**Table 2 - Maintenance**

*NOTE - Please upload a PDF document that describes each maintenance level offered*

Field	Definition	Response	Example
<a href="#">Supplier</a>	Economic operator name	Economic operator name	Scientific Supplier Limited
<a href="#">Catalogue Number</a>	Supplier catalogue number	Supplier catalogue number	10000001
<a href="#">Manufacturer Number</a>	Manufacturer number	Manufacturer number	20000002
<a href="#">Manufacturer Name</a>	Manufacturer name	Manufacturer name	Scientific Manufacturer Limited
<a href="#">Product Description</a>	Full product description for the product to be maintained	Full product description that unambiguously identifies the product including pathogen/organism and product type	

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<a href="#">Lot</a>	Which framework lot(s) of Lot 1 Diagnostics, Lot 2 Research and Development and Lot 3 Manufacturing the Supplier is offering the service(s) to	Enter the number only of each lot that the service is offered to. Enter the numbers from lowest to highest.	Examples "1" means the maintenance service is offered under Lot 1 only "2" means the maintenance service is offered under Lot 2 only "12" means the maintenance service is offered under Lot 1 and Lot 2
<a href="#">Category</a>	Microbiology product category	Microbiology product category. Pick from one of the following: Bacteriology Food, Water, Environmental Immunology Molecular Mycology Parasitology Serology Virology Whole Genome Sequencing Multiple Other	
<a href="#">Equipment Operating Lifetime</a>	The expected operating lifetime of the equipment where the manufactured item will be serviced and supported by the manufacturer	Enter the operating lifetime of the equipment in years	Examples 2 5
<a href="#">Daily Operating Capacity (Test Numbers)</a>	The maximum daily throughput of tests the equipment is manufactured to process.	Enter the number of tests the equipment can process per day. A day is 8:00 to 18:00	
<a href="#">Warranty Period</a>	The manufacturers warranty period for the equipment	Enter the duration in months	
<a href="#">Product List Price</a>	The published list price for the product	Enter the published list price in GBP <b>excluding VAT</b>	
<a href="#">Service Level 1 - Description</a>	The title and short description of the service level offered. Service Level 1 is the highest level / most comprehensive cover offered at the fastest response time by the supplier.		
<a href="#">Service Level 1 List Price - Annual</a>	The published list price for the service level	Enter the published list price in GBP <b>excluding VAT</b>	
<a href="#">Service Level 1 Framework Price - Annual</a>	The proposed framework price for the service level. This is the maximum price payable by any Participating Authority.	Enter the framework price in GBP <b>excluding VAT</b>	
<a href="#">Service Level 1 Framework Discount (%)</a>	The percentage discount of the framework price compared to the list price	Enter the percentage discount to 1 decimal place	Examples 15% 20% 25%
<a href="#">Service Level 2 - Description</a>	The title and short description of the service level offered. Service Level 2 as a minimum must be the second fastest response.		
<a href="#">Service Level 2 List Price - Annual</a>	The published list price for the service level	Enter the published list price in GBP <b>excluding VAT</b>	
<a href="#">Service Level 2 Framework Price - Annual</a>	The proposed framework price for the service level. This is the maximum price payable by any Participating Authority.	Enter the framework price in GBP <b>excluding VAT</b>	
<a href="#">Service Level 2 Framework Discount (%)</a>	The percentage discount of the framework price compared to the list price	Enter the percentage discount to 1 decimal place	Examples 15% 20% 25%
<a href="#">Service Level 3 - Description</a>	The title and short description of the service level offered. Service Level 3 is basic cover. Service Level 3 as a minimum must cover one PPM per annum.		

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<a href="#">Service Level 3 List Price - Annual</a>	The published list price for the service level	Enter the published list price in GBP <b>excluding VAT</b>	
<a href="#">Service Level 3 Framework Price - Annual</a>	The proposed framework price for the service level. This is the maximum price payable by any Participating Authority.	Enter the framework price in GBP <b>excluding VAT</b>	
<a href="#">Service Level 3 Framework Discount (%)</a>	The percentage discount of the framework price compared to the list price	Enter the percentage discount to 1 decimal place	Examples 15% 20% 25%
<a href="#">Reactive Repair Description</a>	The reactive repair service offered by the supplier including statements on charges, parts and labour		
<a href="#">Call-Out Charge</a>	The maximum charge for an engineer to attend site		
<a href="#">Labour Charge</a>	The hourly rate charge for the engineer once on site		
<a href="#">Travel Charge</a>	The rate charged for the engineer to travel to site		
<a href="#">Part Discount (%)</a>	The parts discount offered for reactive repairs		

**Table 3 - Consumables**

Field	Definition	Response	Example
<a href="#">Supplier</a>	Economic operator name	Economic operator name	Scientific Supplier Limited
<a href="#">Catalogue Number</a>	Supplier catalogue number	Supplier catalogue number	10000001
<a href="#">Manufacturer Number</a>	Manufacturer number	Manufacturer number	20000002
<a href="#">Manufacturer Name</a>	Manufacturer name	Manufacturer name	Scientific Manufacturer Limited
<a href="#">Product Description</a>	Full product description	Full product description that unambiguously identifies the product including pathogen/organism and product type	Examples RT PCR HIV-1 Test Kit Blood™ culture media bottle aerobic 25ml
<a href="#">Lot</a>	Which framework lot(s) of Lot 1 Diagnostics, Lot 2 Research and Development and Lot 3 Manufacturing the Supplier is offering the consumable product(s) to	Enter the number only of each lot that the consumable product is offered to. Enter the numbers from lowest to highest.	Examples "1" means the product is offered under Lot 1 only "2" means the product is offered under Lot 2 only "12" means the product is offered under Lot 1 and Lot 2
<a href="#">Organism/ Pathogen</a>	Types of organism/pathogen the product is approved to test/ detect by the manufacturer	List the types of organism/pathogen the product is approved to test/ detect by the manufacturer (for more than one organism/pathogen, separate each entry with a comma). You may enter N/A, e.g. immunological	Examples HIV-1, HIV-2 Norovirus GI, Norovirus GII E. coli, C. diff
<a href="#">Category</a>	Microbiology product category	Microbiology product category. Pick from one of the following: Bacteriology Food, Water, Environmental Immunology Molecular Mycology Parasitology Serology Virology Whole Genome Sequencing Multiple Other	
<a href="#">CE Marked</a>	Is the product CE marked?	"Yes" response if the products is CE marked "No" if the product is not CE marked	

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<a href="#">Automation</a>	Is the product for manual or automated use?	"Manual" response if manual use "Automatic" response if automated use "Both" if both manual and automatic	
<a href="#">Sample Types</a>	Types of specimen compatible with the product	List all of the specimen types compatible with the product. For more than one sample type, separate each entry with a comma.	List all of the specimen types compatible with the product.  Examples could be: Blood Environmental Food Pus Sputum / Saliva Swabs / Tissue Urine Water (for more than one sample type, separate each entry with a comma)
<a href="#">Minimum Dead Volume</a>	Minimum dead volume for sample size	Enter minimum dead volume for the sample size compatible with the product. Enter the unit of measure.	
<a href="#">Platform Compatibility</a>	Platforms the product is approved for use by the manufacturer	"Single" response if the product can only be used with one platform "Multiple" response if the product can be used on more than one platform of the same manufacturer as the product "Multiple Open" response if the product can be used on more than one platform made by more than one manufacturer	
<a href="#">Platform Information</a>	Further information listing the platforms the product is approved for use by the manufacturer	List the manufacturers compatible platforms by name including any version/release numbers	
<a href="#">Datasheet Link</a>	Hyperlink to the suppliers chosen website hosting the product datasheet. The datasheet is a summary of the product performance and technical characteristics and features relevant to microbiology.	Insert a hyperlink to the product technical specification. The link is to a webpage that contains the datasheet information or has a link to a PDF document which is the datasheet.	
<a href="#">Shelf Life</a>	The length of time that the product may be stored without becoming unfit for use	Enter the number of months	
<a href="#">Storage Temperature</a>	The storage temperature range the product may be kept at in storage for the duration of the products Shelf Life without becoming unfit for use	Enter the temperature in degrees Celsius	
<a href="#">Product Size/Volume</a>	The manufactured size/volume of the product	Enter the size/volume of the product. Enter the unit of measure.	Examples 1 plate 50ml 25g
<a href="#">Test/Products Quantity per Kit/Unit</a>	The number of tests per kit or the amount of product per unit consumed	Enter the number of tests per kit or the amount of product per unit (including the unit or measure).	Examples 96 tests 10 Bottles 1
<a href="#">Pack Size (Kits/Items per Pack)</a>	The number of kits or items per pack sold	Enter the number of test or items sold in one pack	
<a href="#">List Price per Pack</a>	The published list price per pack	Enter the published list price per pack in GBP <b>excluding VAT</b>	
<a href="#">Framework Price per Pack</a>	The proposed framework price per pack. This is the maximum price payable per pack by any Participating Authority.	Enter the framework price per pack in GBP <b>excluding VAT</b>	

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<a href="#">Framework Discount (%)</a>	The percentage discount of the framework price per pack compared to the list price per pack	Enter the percentage discount to 1 decimal place	Examples 15% 20% 25%
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**Table 4 - Peripheral Equipment**

Field	Definition	Response	Example
<a href="#">Supplier</a>	Economic operator name	Economic operator name	Scientific Supplier Limited
<a href="#">Catalogue Number</a>	Supplier catalogue number	Supplier catalogue number	10000001
<a href="#">Manufacturer Number</a>	Manufacturer number	Manufacturer number	20000002
<a href="#">Manufacturer Name</a>	Manufacturer name	Manufacturer name	Scientific Manufacturer Limited
<a href="#">Peripheral Product Description</a>	Full peripheral product description	Full product description that unambiguously identifies the product including parent system / equipment and product type	
<a href="#">Product Description</a>	Full product description	Full product description that unambiguously identifies the product including pathogen/organism and product type (as stated in Table 2 Equipment)	
<a href="#">Lot</a>	Which framework lot(s) of Lot 1 Diagnostics, Lot 2 Research and Development and Lot 3 Manufacturing the Supplier is offering the product(s) to	Enter the number only of each lot that the product is offered to. Enter the numbers from lowest to highest.	Examples "1" means the product is offered under Lot 1 only "2" means the product is offered under Lot 2 only "12" means the product is offered under Lot 1 and Lot 2
<a href="#">CE Marked</a>	Is the product CE marked?	"Yes" response if the products is CE marked "No" if the product is not CE marked	
<a href="#">Unique Peripheral Product</a>	The peripheral product and the equipment the product is designed for use with is manufactured by the same organisation. The peripheral product is approved for used with equipment from the same manufacturer only.	"Yes" response if the peripheral product is only compatible with equipment from the same manufacturer. "No" if the peripheral product is compatible with equipment from the same manufacturer and is also compatible with equipment from other manufacturers.	
<a href="#">Datasheet Link</a>	Hyperlink to the suppliers chosen website hosting the product datasheet. The datasheet is a summary of the product performance and technical characteristics and features relevant to microbiology.	Insert a hyperlink to the product technical specification. The link is to a webpage that contains the datasheet information or has a link to a PDF document which is the datasheet.	
<a href="#">Equipment Operating Lifetime</a>	The expected operating lifetime of the peripheral equipment where the manufactured item will be serviced and supported by the manufacturer	Enter the operating lifetime of the peripheral equipment in years	Examples 2 5
<a href="#">Daily Operating Capacity (Test Numbers)</a>	The maximum daily throughput of tests the equipment is manufactured to process.	Enter the number of tests the equipment can process per day. A day is 8:00 to 18:00	
<a href="#">Energy Consumption</a>	The energy consumption of the equipment as warranted by the manufacturer	Based on a running time of 8:00 to 18:00, enter the energy consumption in kWh	
<a href="#">Footprint</a>	The bench/floor space required to safely operate the peripheral equipment	Enter the dimensions (LWD in mm) and bench or floor	Examples Bench:1000x800x800 Floor:3000x2000x1000
<a href="#">Warranty Period</a>	The manufacturers warranty period for the equipment	Enter the duration in months	
<a href="#">List Price</a>	The published list price for the equipment	Enter the published list price in GBP <b>excluding VAT</b>	

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<a href="#">Framework Price</a>	The proposed framework price for the equipment. This is the maximum price payable by any Participating Authority.	Enter the framework price in GBP <b>excluding VAT</b>	
<a href="#">Framework Discount (%)</a>	The percentage discount of the framework price compared to the list price	Enter the percentage discount to 1 decimal place	Examples 15% 20% 25%

**Table 5 Services**

Field	Definition	Response	Example
<a href="#">Supplier</a>	Economic operator name	Economic operator name	
<a href="#">Service/Product Description</a>	Full service/product description	Full service and associated product description that unambiguously identifies the service including pathogen/organism and product type	Examples Pre-clinical trial services including product development and testing Laboratory validation and accreditation services
<a href="#">Lot</a>	Which framework lot(s) of Lot 1 Diagnostics, Lot 2 Research and Development and Lot 3 Manufacturing the Supplier is offering the service(s) to	Enter the number only of each lot that the service is offered to. Enter the numbers from lowest to highest.	Examples "1" means the service is offered under Lot 1 only "2" means the service is offered under Lot 2 only "12" means the service is offered under Lot 1 and Lot 2
<a href="#">Service Pricing Model</a>	The method of pricing proposed for the services	Describe the selling price model	Examples Project based fixed price Services schedule of pricing Hourly/Day rates
<a href="#">Service Price Description</a>	The description of the service price	Describe the service price offered	
<a href="#">Service Price</a>	The proposed framework price for the described service. This is the maximum price payable by any Participating Authority.	Enter the framework price in GBP <b>excluding VAT</b>	

**Table 6 Discounts**

Field	Definition	Response	Example
<a href="#">Supplier</a>	Economic operator name	Economic operator name	
<a href="#">Product Description</a>	Full product description	Full product description that unambiguously identifies the product including pathogen/organism and product type	
<a href="#">Discount Description</a>	An explanation of the proposed reduction in price	Enter an explanation of the proposed reduction in price including the type of discount and the circumstances that will activate the discount	
<a href="#">Discount Trigger - Threshold</a>	The threshold that will activate the price reduction	If applicable, enter the threshold that will activate the price reduction	
<a href="#">Discount Trigger - Discount</a>	The price reduction proposed in term of value or percentage reduction	Enter the discount level in GBP or as a percentage reduction	





Supplier	Catalogue Number	Manufacturer Number	Manufacturer Name	Product Description	Lot	Organism/ Pathogen	Category	CE Marked	Automation	Sample Types	Minimum Dead Volume	Platform Compatibility	Platform Information	Datasheet Link	Shelf Life	Storage Temperature	Test/Product Size/Volume	Test/ Products Quantity per Kit/Unit	Pack Size (Kits / Units per Pack)	List Price per Pack	Framework Price per Pack	Framework Discount (%)
Hamilton Sales and Service UK Ltd.	235948	235948	Hamilton 50ul CORE Filter Tips	50µL CO-RE Tips, with filter	1 and 2	Bacteriology or Virology	Bacteriology Food, Water, Environmental Immunology Molecular Mycology Parasitology Serology Virology Whole Genome Sequencing Multiple	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A	<a href="https://www.hamiltoncompany.com/automated-liquid-handling/consumables">https://www.hamiltoncompany.com/automated-liquid-handling/consumables</a>	N/A	Room temp.	5760 tips per case	5760 tips per case	5760 tips per case			
Hamilton Sales and Service UK Ltd.	235903	235903	Hamilton 300ul CORE Filter Tips	300µL CO-RE Tips, with filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	5760	5760	5760			
Hamilton Sales and Service UK Ltd.	235905	235905	Hamilton 1000ul CORE Filter Tips	1000µL CO-RE Tips, with filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	3840	3840	3840			
Hamilton Sales and Service UK Ltd.	235979	235979	Hamilton 50ul CORE Sterile Filter Tips	50µL CO-RE Tips, sterile with filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	5760	5760	5760			
Hamilton Sales and Service UK Ltd.	235938	235938	Hamilton 300ul CORE Sterile Filter Tips	300µL CO-RE Tips, sterile with filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	5760	5760	5760			
Hamilton Sales and Service UK Ltd.	235940	235940	Hamilton 1000ul CORE Sterile Filter Tips	1000µL CO-RE Tips, sterile with filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	3840	3840	3840			
Hamilton Sales and Service UK Ltd.	235966	235966	Hamilton 50ul CORE Non-Filter Tips	50µL CO-RE Tips, non-filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	5760	5760	5760			
Hamilton Sales and Service UK Ltd.	235902	235902	Hamilton 300ul CORE Non-Filter Tips	300µL CO-RE Tips, non-filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	5760	5760	5760			
Hamilton Sales and Service UK Ltd.	235904	235904	Hamilton 1000ul CORE Non-Filter Tips	1000µL CO-RE Tips, non-filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	3840	3840	3840			
Hamilton Sales and Service UK Ltd.	235978	235978	Hamilton 50ul CORE Sterile Non-Filter Tips	50µL CO-RE Tips, sterile non-filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	5760	5760	5760			
Hamilton Sales and Service UK Ltd.	235937	235937	Hamilton 300ul CORE Sterile Non-Filter Tips	300µL CO-RE Tips, sterile non-filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	5760	5760	5760			
Hamilton Sales and Service UK Ltd.	235939	235939	Hamilton 1000ul CORE Sterile Non-Filter Tips	1000µL CO-RE Tips, sterile non-filter	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	3840	3840	3840			
Hamilton Sales and Service UK Ltd.	235947	235947	Hamilton 50ul NTRs CORE Tips	50µL CO-RE Tips, stacked NTRs	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	11520	11520	11520			
Hamilton Sales and Service UK Ltd.	235987	235987	Hamilton 50ul NTRs Sterile CORE Tips	50µL CO-RE Tips, stacked NTRs, sterile	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	11520	11520	11520			
Hamilton Sales and Service UK Ltd.	235950	235950	Hamilton 300ul NTRs CORE Tips	300µL CO-RE Tips, stacked NTRs	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	11520	11520	11520			
Hamilton Sales and Service UK Ltd.	235985	235985	Hamilton 300ul NTRs Sterile CORE Tips	300µL CO-RE Tips, stacked NTRs, sterile	1 and 2	Bacteriology or Virology	Same as above.	Yes	Automatic	All pipetteable liquids	c.20ul depends on reservoir/sample labware.	Tips = Single.All other labware can be PHE's choice.	N/A		N/A	Room temp.	11520	11520	11520			







