

### Regulation UNSC-127WLBM-2045-1A

Please read comments before adding item to your package list. This form is only to complete the General Inventory for Biotechnology space personals. See appendix 1 for details.

<b>LAB ANALYSIS DEVICES</b>				
<b>UNSC-Code</b>	<b>Denomination</b>	<b>Weight (kgeT)</b>	<b>Security</b>	<b>Comments</b>
LAD-01	Spectrophotometer (UV-Vis)	12.0	Electric	Make sure to command M-18A or B
LAD-02	Plate reader, with agitation (UV-Vis)	15.0	Electric	Make sure to command M-20
LAD-03	pH-meter + 3 probes	5.00	Electric	Make sure to command LAD-03add1
LAD-03add1	pH-meter standard solutions	3.00	Electric	
<b>SAMPLE PREPARATION</b>				
<b>UNSC-Code</b>	<b>Denomination</b>	<b>Weight (kgeT)</b>	<b>Security</b>	<b>Comments</b>
SP-01	Agitator	3.00	Electric	
SP-02	Bath	5.00	Electric	
SP-02add	Alcohol thermometer x 3	0.25	Glass	
SP-03	Centrifuge + standard rotor	25.0	Electric	
SP-03add1	Falcon® rotors	2.00	***	Necessary if M-21 or M-21add1 listed
SP-03add2	Microtubes rotor	2.00	***	Necessary if M-14 listed
SP-04	Precision scale + spatula (5) + brush (5)	5.00	Electric	
SP-05	Electrophoresis	2.00	Electric	Make sure to command SP-06
SP-06	Gel support for electrophoresis	0.50	***	Command agarose, see CHEMICALS
SP-07	Mortar and pestle (ceramic)	1.50	Glass	
SP-08	Magnetic agitator	2.50	Electric	Make sure to command SP-09
SP-09	Magnetic bar (5)	0.10	Electric	
SP-10	Incubator (25-100°C) + 3 thermoprobes	35.0	Electric	
<b>SAMPLE OBSERVATION</b>				
<b>UNSC-Code</b>	<b>Denomination</b>	<b>Weight (kgeT)</b>	<b>Security</b>	<b>Comments</b>
SO-01	Optical microscope + maintenance kit + objectives set (3) + immersion oil (5 x 10 mL) + cleansing paper – 100 sheets (3)	10.0	Electric + glass	Make sure to command SO-03 and SO-05
SO-02	GRAM staining kit	2.50	Chemical + glass	crystal violet, lugol and safranin (100 mL) + alcohol (300 mL). Glassware
SO-03	Cover glass x 100	0.25	Glass	Make sure to command SO-05
SO-04	Counting chamber (3)	0.15	Glass	Only Malassez type.
SO-05	Slides (100)	0.35	Glass	Make sure to command SO-03
<b>STERILISATION</b>				
ST-01	Dry-air sterilizer	15.00	Electric	Only if cell cultures or microbiology experiments
ST-02	Autoclave sterilizer	15.00	Electric	

<b>MEASURING AND LIQUID HANDLING</b>				
<b>UNSC-Code</b>	<b>Denomination</b>	<b>Weight (kgeT)</b>	<b>Security</b>	<b>Comments</b>
M-01	Support for burette + 5 holders	1.00		
M-02	Burette set (10 mL + 25 mL) + faucets (5)	1.00	Glass	
M-03	Measuring cylinders set (10, 25, 50, 200, 500 mL)	2.00	Glass	
M-04	Volumetric flasks set (10, 25, 50, 200, 500 mL)	2.00	Glass	
M-05	Beakers set (10, 25, 50, 200, 500 mL)	1.50	Glass	
M-06	Micropipets set (P1, 2, 20, 200, 1000, 5000)	1.00		Make sure to command M-06adds
M-06add1	Tips for P1 and P2 (5000 sterile in boxes)	1.00		
M-06add2	Tips for P200 and P1000 (5000 sterile in boxes)	1.00		
M-06add3	Tips for P5000 (1000 sterile)	1.00		
M-07	Multicanal micropipets set (P20, P200, P1000)	1.00		Make sure to command M-06adds, M-22
M-08	Measuring jugs set (250 mL and 500 mL)	1.50	Glass	
M-09	Automatic pipette + charger + 2 battery sets	1.50	Electric	
M-10	Pipets set (100 non-sterile 1, 2, 5, 10, 20 mL)	3.50		Make sure to command M-09 OR M-12
M-10st	Pipets set (100 <b>sterile</b> 1, 2, 5, 10, 20 mL)	3.50		
M-11	Syringes (250 sterile, 10 mL) + 100 sterile needle	2.50		
M-12	Propipette (5)	1.00		
M-13	250 mL culture flasks (10)	2.50	Glass	Make sure to command M-13adds
M-13add1	Cotton balls pack (100) x 3	1.00		
M-13-add2	Aluminum foil sheet rolls (3)	2.00		
M-14	Microtubes pack (1000 x 250 µL + 1000 x 1,5 mL, sterile)	2.00		
M-15	Test tubes (non-sterile, 2500) + caps	10.0	Glass	
M-16	Plastic disposable pipets (non-sterile, 5 mL, 1000)	2.50		
M-17	Glass Pasteur pipet (sterile, closed, 1000)	5.00	Glass	
M-18A	Microcuves (UV-vis) (500)	5.00		Make sure to command M-18add1
M-18B	Macrocuves (UV-vis) (500)	5.00		
M-18add1	Parafilm (10 cm x 50 m) (3)	1.00		
M-19	Wash bottle (5)	1.00		
M-20	Plate 96 wells, sterile (250)	2.50		
M-21	Falcon® tubes 50 mL (100)	3.50		
M-21add1	Falcon® tubes 50 mL (250)	3.50		
M-22	Reservoir for multicanal micropipet, sterile (100)	1.00		Make sure to command M-07
***				
***				

<b>FILTRATION</b>				
<b>UNSC-Code</b>	<b>Denomination</b>	<b>Weight (kgeT)</b>	<b>Security</b>	<b>Comments</b>
F-01	Disposable 0.45 µm filters (1000)	2.50		
F-02	Sterile filters, 0.45 µm (50)	2.50		Make sure to command F-05
F-03	Glass funnel (5) + filter paper (100)	1.50	Glass	Make sure to command F-04 and F-05
F-04	Joint (10)	0.50		Make sure to command F-03 and F-05
F-05	Vacuum flask (2) + 1m vacuum tub (2)	1.50	Glass	Make sure to command F-03 and F-04
<b>MICROBIOLOGY</b>				
Mb-01	Petri dishes sterile, 90 mm (500)	2.50	Respect sterility of the product !	Only if cell cultures or microbiology experiments
Mb-02	Disposable cell scrapers (1500)	2.00		
Mb-03	Metal pliers (5)	0.50		
Mb-04	Wood pliers (5)	1.00		
Mb-05	Disposable cell spreaders (1500)	2.50		
Mb-06	Disposable swabs (500)	2.50		
Mb-07	Microbiology test tubes with caps (250)	5.00	Glass	
Mb-08	Plastic disposable pipets, (sterile, 5 mL, 1000)	3.00	Sterile	
Mb-09	Bunsen or electric burner (3) + 3m gas tub (3)	5.00	Electric	
<b>LAB SAFETY AND WASTE MANAGEMENT</b>				
LS-01	Lab coat with division/name identification (3)	3.50		Mention size in inventory
LS-02	Nitrile gloves (box of 100) (3)	1.50		Mention size in inventory
LS-03	Security goggles with name (3)	1.00		Mention size in inventory
LS-04	Hard infectious hazards disposals 2L (25)	10.0		
LS-05	Bio-bin for infectious hazards 15L (25)	10.0		
LS-06	Protection masks (100)	2.50		Mention size in inventory
LS-07	Gas mask + filtration cartridges (15)	7.50		Mention size in inventory
LS-08	Plastic jugs for liquid wastes (25)	12.5		
LS-09	Service pistol (9 mm) + 3 clips + 50 bullets	5.00	Explosive	Only if qualified to manipulate a weapon
LS-10	Firs aid kit	1.50		
LS-11	Emergency oxygen tank	5.00	Explosive	
<b>CHEMICALS</b>				
R-01	Any chemical (1000 g or 1000 mL)	1.00		Precise name and safety in inventory
R-02	Any medium for microbiology (1000 g)	1.00		
R-03	Any resin (1000 g)	1.00		