

DATA SHEET

HLL LIFECARE LIMITED, CHENNAI

REVIVAL OF BCG VACCINE LABORATORY, GUINDY, CHENNAI

nne pharmaplan™

Analytical Weighing Balance

PROJECT No:

110729

EQUIPMENT ID :

BF-AWB 01-02

DOCUMENT No :

DS/BF-AWB 01-02



1	Process requirements	
1.1	It is being used for dispensing media and buffer materials	
2	Technical Specification	
2.1	Model	cGLP, ISO compliant
2.2	Type	Analytical Weighing Balance
2.3	Number of Balances	2 nos.
2.4	Capacity	BF017 - Weighing: 0.001g to 250 g or near to the standard BF037- Harvest & Purification: 0.001g to 250 g or near to the standard
2.5	Readability	0.0001 g
2.6	Repeatability	0.0001 g
2.7	Linearity	± 0.0002 g
2.8	Unit of display	mg, gms
2.9	Measuring System	Mono Metal Tuning Fork Sensor
2.10	Tare	Full Weighing Range
2.11	Calibration	External, internal calibration is also required
2.12	Pan Size	Vendor to provide
2.13	Display	Backlight LCD display
2.14	Operational Temperature	(-5°C) to 50°C (system shall be suitable)
2.15	Door	Opening from 2 sides and top sides
3	Material Of Construction	
3.1	MOC of Door	Acrylic
3.2	MOC Pan	SS 304
4	Specific requirement	
4.1	The Balance should be properly levelled. In-built spirit level for level adjustment should be provided	
4.2	Should be easily cleanable	
4.3	Standard weights should be provided for the calibration (E1 - 21 pieces weigh set - 1 no) with certification and traceability. One no for bulk [FG & BF] and one no for warehouse.	
4.4	Auto calibration facility.	
4.5	Approved makes: a) Sartorius b) Shimadzu c) Mettler-Toledo d) Essae	
5	Other Requirement	
5.1	Provision to tare should be provided.	
5.2	Display should be digital 8 segment.	
5.3	On power failure equipment should come in fail safe condition.	
5.4	Vendor can provide more features apart from above.	
5.5	Enclosure should be removable whenever required. Clean ability of weighing balance by removing the pan should be possible	
5.6	Training for operation, cleaning and calibration should be provided to the users.	
6	Regulatory guidelines / standards	
6.1	NOT APPLICABLE	
7	Safety requirement	
7.1	NOT APPLICABLE	

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8 Documents

8.1 IOQ Protocol to be provided

8.2 Calibration Certificate to be provided by Vendor

8.3 Comprehensive 1 year warranty letter from the date of completion.

8.4 NPL Calibration certificates and calibration procedures for weights. Validity of calibration certificate should be min 1 yr. from the date of completion.

8.5 Operation, calibration and maintenance manuals to be provided.

8.6 MOC Certificates to be provided by Vendor

9 Timelines

9.1 NOT APPLICABLE

AFI Approved for Enquiry

AFO Approved for Ordering

f 2014-02-05

BKSH

VKKA

Rev

Date

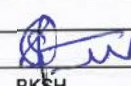



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REVIVAL OF BCG VACCINE LABORATORY, GUINDY, CHENNAI

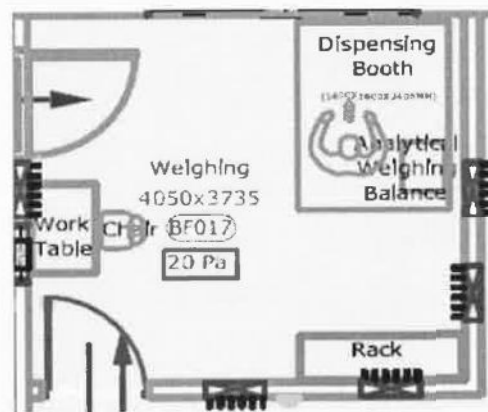
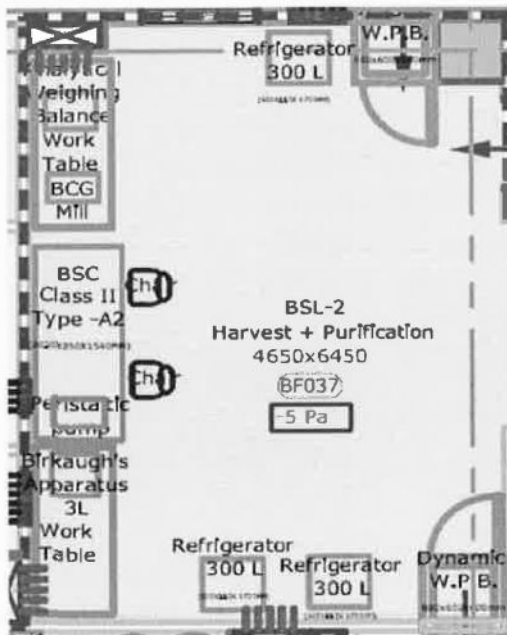
Analytical Weighing Balance

PROJECT No: 110729
EQUIPMENT ID : BF-AWB 01-02
DOCUMENT No : DS/BF-AWB 01-02



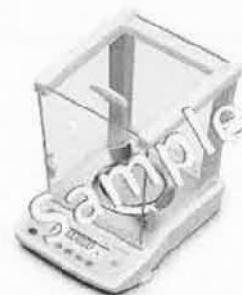
ROOM LOCATION:	BF-AWB 01
1	GROUND FLOOR: BF037
2	ROOM DIMENSION: 4650mm X 6450mm
3	FALSE CEILING: 3000mm
4	ROOM PRESSURE: -5Pa







ROOM LOCATION:	BF-AWB 02
1	GROUND FLOOR: BF017
2	ROOM DIMENSION: 4050mm X 3735mm
3	FALSE CEILING: 3000mm
4	ROOM PRESSURE: 20Pa



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nne pharmaplan®		REVIVAL OF BCG VACCINE LABORATORY, GUINDY, CHENNAI		
		Analytical Weighing Balance		
		PROJECT No:	110729	
		EQUIPMENT ID :	FG-AWB 03	
		DOCUMENT No :	DS/FG-AWB 03	
1 Process requirements				
1.1	It is being used for dispensing media and buffer materials. Placed in FG021 - IPQC			
2 Technical Specification				
2.1	Model	cGLP, ISO compliant		
2.2	Type	Analytical Weighing Balance		
2.3	Number of Balances	1 no.		
2.4	Capacity	0.0001g to 250 g or near to the standard		
2.5	Readability	0.0001 g		
2.6	Repeatability	0.0001 g		
2.7	Linearity	± 0.0002 g		
2.8	Unit of display	mg, gms		
2.9	Measuring System	Mono Metal Tuning Fork Sensor		
2.10	Tare	Full Weighing Range		
2.11	Calibration	External, internal calibration is also required		
2.12	Pan Size	Vendor to provide		
2.13	Display	Backlight LCD display		
2.14	Operational Temperature	(-5°C) to 50°C (system shall be suitable)		
2.15	Door	Opening from 2 sides and top sides		
3 Material Of Construction				
3.1	MOC of Door	Acrylic		
3.2	MOC Pan	SS 304		
4 Specific requirement				
4.1	The Balance should be properly levelled. In-built spirit level for level adjustment should be provided			
4.2	Should be easily cleanable			
4.3	Standard weights should be provided for the calibration (E1 - 21 pieces weigh set - 1 no) with certification and traceability. One no for bulk [FG & BF] and one no for warehouse			
4.4	Auto calibration facility.			
4.5	<u>Approved makes:</u> a) Sartorius b) Shimadzu c) Mettler-Toledo d) Essae			
5 Other Requirement				
5.1	Provision to tare should be provided. <input type="checkbox"/>			
5.2	Display should be digital 8 segment			
5.3	On power failure equipment should come in fail safe condition.			
5.4	Vendor can provide more features apart from above.			
5.5	Enclosure should be removable whenever required. Clean ability of weighing balance by removing the pan should be possible			
5.6	Training for operation, cleaning and calibration should be provided to the users.			
6 Regulatory guidelines / standards				
6.1	NOT APPLICABLE			
7 Safety requirement				
7.1	NOT APPLICABLE			



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nne pharmaplan®	REVIVAL OF BCG VACCINE LABORATORY, GUINDY, CHENNAI					
	Analytical Weighing Balance					
	PROJECT No:	110729				
	EQUIPMENT ID :	FG-AWB 03				
	DOCUMENT No :	DS/FG-AWB 03				
8	Documents					
8.1	IOQ Protocol to be provided.					
8.2	Calibration Certificate to be provided by Vendor					
8.3	Comprehensive 1 year warranty letter from the date of completion.					
8.4	NPL Calibration certificates and calibration procedures for weights. Validity of calibration certificate should be min 1 yr. from the date of supply					
8.5	Operation, calibration and maintenance manuals to be provided.					
8.6	MOC Certificates to be provided by Vendor					
9	Timelines					
9.1	NOT APPLICABLE					
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REVIVAL OF BCG VACCINE LABORATORY, GUINDY, CHENNAI

Analytical Weighing Balance

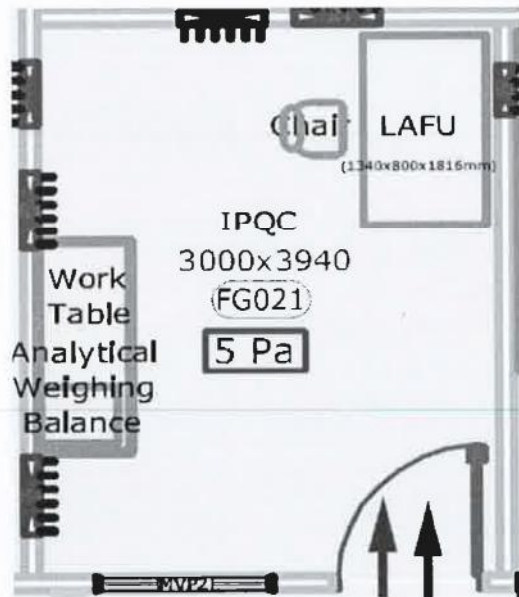
PROJECT No: 110729

EQUIPMENT ID : FG-AWB 03

DOCUMENT No : DS/FG-AWB 03



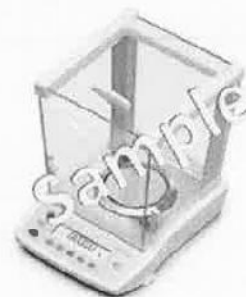
ROOM LOCATION:	FG-AWB 03
1	GROUND FLOOR: FG021
2	ROOM DIMENSION: 3000 mm X 3940 mm
3	FALSE CEILING: 3000 mm
4	ROOM PRESSURE: 5 Pa



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nne pharma plan®	REVIVAL OF BCG VACCINE LABORATORY, GUINDY, CHENNAI	
	Analytical Weighing Balance	
	PROJECT No:	110729
	EQUIPMENT ID :	WG-AWB 04
	DOCUMENT No :	DS/WG-AWB 04
		
1	Process requirements	
1.1	It is being used for dispensing samples.	
2	Technical Specification	
2.1	Model	cGLP, ISO compliant
2.2	Type	Analytical Weighing Balance
2.3	Number of Balances	1 no.
2.4	Capacity	0.001g to 250 g or near to the standard
2.5	Readability	0.0001 g
2.6	Repeatability	0.0001 g
2.7	Non Linearity	± 0.0002 g
2.8	Unit of display	mg, gms
2.9	Measuring System	Mono Metal Tuning Fork Sensor
2.10	Tare	Full Weighing Range
2.11	Calibration	External, internal calibration is also required
2.12	Pan Size	Vendor to provide
2.13	Display	Backlight LCD display
2.14	Operational Temperature	(-5°C) to 50°C (system shall be suitable)
2.15	Door	Opening from 2 sides and top sides
3	Material Of Construction	
3.1	MOC of Door	Acrylic
3.2	MOC Pan	SS 304
4	Specific requirement	
4.1	The Balance should be properly levelled. In-built spirit level for level adjustment should be provided	
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Analytical Weighing Balance

PROJECT No:

110729

EQUIPMENT ID :

WG-AWB 04

DOCUMENT No :

DS/WG-AWB 04



8 Documents

- 8.1 IOQ Protocol to be provided.
- 8.2 Calibration Certificate to be provided by Vendor
- 8.3 Comprehensive 1 year warranty letter from the date of completion.
- 8.4 NPL Calibration certificates and calibration procedures for weights. Validity of calibration certificate should be min 1 yr. from the date of supply
- 8.5 Operation, calibration and maintenance manuals to be provided.
- 8.6 MOC Certificates to be provided by Vendor

9 Timelines

9.1 NOT APPLICABLE

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AFO Approved for Ordering

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Analytical Weighing Balance

PROJECT No:

110729

EQUIPMENT ID :

WG-AWB 04

DOCUMENT No :

DS/WG-AWB 04



ROOM LOCATION:

WG-AWB 04

1

WREGOUSE GROUND
FLOOR: WG018

2

ROOM DIMENSION:
5700 mm x 2785 mm

3

FALSE CEILING: 2700 mm

4

Pressure: 50 Pa



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