

# DATA SHEET

HLL LIFECARE LIMITED, CHENNAI

	<b>REVIVAL OF BCG VACCINE LABORATORY, GUINDY, CHENNAI</b>		
	<b>Weighing Balance</b>		
	PROJECT No:	110729	
	EQUIPMENT ID :	WG-WGB 01	
	DOCUMENT No :	DS/WG-WGB 01	

## 1 Process requirements

1.1	It is being used for dispensing raw materials and samples.
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## 2 Technical Specifications

2.1	Model	cGLP, ISO compliant
2.2	Type	Weighing Balance
2.3	Number of Balance	1 no.
2.4	Capacity	10g to 1000g or near to the standard
2.5	Readability	0.001 g
2.6	Repeatability	0.001g
2.7	Linearity	0.003 g
2.8	Response time (average)	1.1 s
2.9	Unit of display	Grams, Kilograms
2.10	Measuring System	Mono Metal Tuning Fork Sensor
2.11	Tare range	Full Weighing Range
2.12	Accuracy	± 0.001g
2.13	Calibration	External, internal calibration is also required
2.14	Pan Size, (W X B) mm	(100 X 120) mm <b>or Vendor to provide</b>
2.15	Operational Temperature	5°C to 50°C
<b>3 Material Of Construction</b>		
3.1	MOC of Body	Powder coated SS or painted mild steel
3.2	MOC Pan	SS 304



## 4 Specific requirements

4.1	The Balance should be properly levelled. In-built spirit level for level adjustment should be provided
4.2	Internal memory to be provided to store atleast 100 sets of weighing data with date & time and calibration data
4.3	Standard weights shall be provided for the calibration with certification traceability.
4.4	It should have built-in Clock Function
4.5	RS 232 interface is required to transfer the data as well as to take the print out.

## 5 Other Requirements

5.1	Provision to tare should be provided.
5.2	Display should be LCD/LED with backlight.
5.3	On power failure equipment should come in fail safe condition.
5.4	Vendor shall provide more features apart from above.

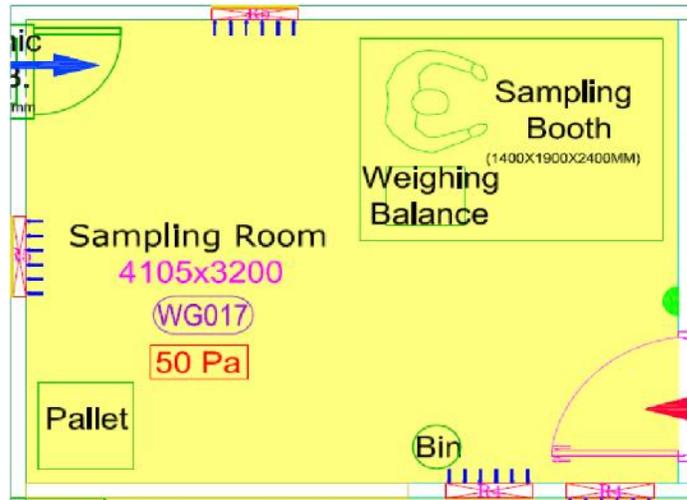
5.5	Clean ability of weighing balance by removing the pan should be possible					
5.6	Training for operation, cleaning and calibration should be provided to the users.					
<b>6</b>	<b>Regulatory aspects</b>					
	NA					
<b>7</b>	<b>Safety requirements</b>					
7.1	Proper earthing of the equipment.					
7.2.	Appropriate closure of all parts.					
<b>8</b>	<b>Documents</b>					
8.1	IOQ Protocol to be provided.					
8.2	Caliberation 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					
<b>9</b>	<b>Timelines</b>					
9.1	Not applicable					
	<b>NOTE:</b> Accurate size and technical specification need to be mentioned by the vendor.					
	AFI Approved for Enquiry			AFO Approved for Ordering		
2	2013-12-18	MNS	SDBB	<input type="checkbox"/>	<input type="checkbox"/>	
Rev	Date	Completed By	Checked By	AFI	AFO	Sheet 1/2

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<b>ROOM LOCATION:</b>	WBG 01
1	Waregouse Ground Floor, Sampling room
2	<b>ROOM DIMENSION:</b> 4105 mm x 3200 mm
3	<b>FALSE CEILING:</b> 2700 mm
4	<b>Pressure:</b> 50Pa



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