

Equipment Specification Data Sheet

Equipment Name: Anaerobic Jar

Document No.: DS-ANJ 01

Revision: 01

Project No.: 120310

Project Name: Integrated Vaccines Complex,
 Chengalpattu


Block Code	Block Name	Identification No.	Capacity	Quantity
Q1	Admin QA & QC	Q1-ANJ-01	-	2


NNE Pharmaplan India Limited


Name	Designation	Signature	Date
Prepared by			
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Checked by			
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HLL Biotech Limited

Name	Designation	Signature	Date
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Equipment Specification Data Sheet				
HLL Biotech Limited, Chennai				
HLL pharma plan		INTEGRATED VACCINES COMPLEX, CHENGALPATTU		
		Equipment Name	Anaerobic Jar	
		Document No.	DS-ANJ-01	
		Revision No.	01	
1	Process requirements			
1.1	This equipment is used to obtain oxygen-free atmosphere for the propagation of anaerobic bacteria.			
2	Equipment ID			
2.1	Q1-ANJ-01			
3	Technical Specification			
3.1	Model	cGMP		
3.2	Type	Portable		
3.3	Accessories required	Anaerobic indicator, Catalyst, Petri plates, Petri plates holder, Antioxidant bags, Proprietary disinfectant		
3.4	Quantity	2 nos		
3.5	Capacity	2-3 litres		
3.6	Dimensions	Vendor to specify		
3.7	Catalyst used to obtain anaerobic condition	Vendor to specify		
3.8	Number of Petri plates	Minimum 12 nos required (User to confirm)		
3.9	Size of Petri plates	60-100mm		
3.10	Weight	Not more than 3 kg		
3.11	Time required to attain anaerobic condition	Vendor to specify		
3.12	Power requirement	To be compatible to standard Indian power supply socket		
4	Material of Construction			
4.1	Outer Body	Polycarbonate		
4.2	Petri plates	Borosilicate		
4.3	O-ring	Polypropylene		
4.4	Lid	Polycarbonate/ SS 304		
4.5	clamp	Polycarbonate/ SS 304		
4.6	Gauges	Pressure gauge system to monitor pressure		
5	Specific Equipment requirement			
5.1	The equipment shall be suitable for handling anaerobic bacterial culture.			
5.2	It should have sufficient space inside the jar to keep antioxidant bag.			

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5.3	It should have provision to keep catalyst inside the jar (it may be just below the lid).		
5.4	The bottom of the lid shall be mounted with at least two clips to hold catalyst and anaerobic indicator.		
5.5	The petri plates shall be arranged one above the other with sufficient gap between the plates for complete air excavation.		
5.6	The equipment shall be able to withstand the mechanical stresses.		
5.7	The equipment should be provided with handle to carry from one place to other place easily.		
5.8	All parts of the equipment shall be serializable except antioxidant and catalyst. (Vendor to provide the procedures for sterilization of each parts)		
5.9	Vendor to provide the anaerobic indicator and it's details to confirm the absence of oxygen inside the jar during incubation.		
5.10	Vendor to consider and quote for Jar-leak test apparatus.		
6	Other requirement		
6.1	Should be fitted with lid having vacuum cum pressure gauge and safety valve.		
6.2	A petri plate carrier, stainless steel for 10 petri plates		
6.3	The equipment should be easy to clean.		
6.4	Equipment shall be compatible with all standard cleaning agents.		
6.5	Training/ demo for users on operations shall be provided.		
7	Regulatory aspects		
7.1	CE Certification		
8	Safety requirements		
	Following facilities must be provided to protect personnel and equipment:		
8.1	The antioxidant inside the jar should not generate any poisonous gases in environment		
8.2	The antioxidant and catalyst shall be easily disposable.		
8.3	Appropriate closure of all parts shall be considered		
9	Documents		
	Following documents, but not limited to these, are expected from the vendor as part of the supply package in the hard copy as well as electronic file.		
9.1	Operation and maintenance manuals shall be provided		
9.2	Warranty letter for 1 year from the date of supply.		
9.3	A list of standard spare parts with ordinary information		
10	Timelines		
10.1	Not Applicable		
11	Preferred list of Makes		
11.1	Sigma Aldrich, Equitron, Hi Media		
	NOTE: Accurate size and technical specification need to be mentioned by the vendor		

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Table-1: Equipment location					
Equipment ID	Block Name	Room Name	Room No	Room dimension in mm	Room height in mm
Q1-ANJ-01	QC	Water test lab	Q1S043	3726 X 5207	2400
Table-2: Change Log					
Date	Name	Revision	Section	Change/Comment	
11-07-2014	Niharika Ruhela	00	-	New document	
04-05-2015	Niharika Ruhela	01	All	Changed as per comments received from clients on 27-02-2015	
22-06-2015	Niharika Ruhela	02	All	Changed as per comments received from clients on 15-06-2015	
Table-3: Annexure					
Not applicable					