

LabX Medical Systems TC-13/1263[7] First Floor, Saaj Complex, Kumarapuram Medical College P.O, Trivandrum 695011

Call 0471 - 2982488 / 9400 101 488 | Email labxmedicalsystems@labx.in





Instrume	ent Calibration/Validation Certificate	
Customer Name	Nirnaya Diagnostics Centre, Trivandrum	
Address	Main Road, Kunnathukal, Karakonam P O , Trivandrum	
Instrument	SELECTRA PRO S Lite	
Serial No.	18-4522	
Contract Type	WARANTY AMC RRC	_
Calibration	Comm. Date: 20-11-2021 Exp Date: 19-11-2022	
Validation Date	20-11-2021	
Next due date	20-11-2022	
Instrument Condition Room is Air Conditioned Power Supply Earthing les Room Working Environme	Yes No	
Software Instrument is Initi Display is showing Syringes movement Bellows pump is m The Needle is comi		



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Kerlai, Inda LabX Medical Systems

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Instrument	SELECTRA PRO S Lite	RO S Lite				
Serial No.	18-4522					
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Contract Type	WARANTY	AMC		RRC		
Calibration	Comm. Date: 20-11-2021	: 20-11-202	21	Exp Date	Exp Date: 19-11-2022	
Validation Date	20-11-2021					
Next due date	20-11-2022					
Instrument Condition:	ä					
Room is Air Conditioned		⊠ Yes	% □			
Power Supply Earthing less than 5 V	ss than 5 V		Š			
Room Working Environment is Good	ent is Good	⊠ Yes	Š			
1 1 2 1						
Initial check						
Switch On the instrument with Analyser	rument with Aı	nalvser		X Yes	₂	
Software		•		I	l	
 Instrument is Initialising properly 	alising properl	y		⊠ Yes	°N	
 Display is showing all Characters 	gall Characters			$oxtime ext{Yes}$	% □	
 Syringes movement is smooth during aspiration 	it is smooth du	ring aspira	tion	$oxtime ext{Y}_{ ext{es}}$	₈	
 Bellows pump is moving to Home position 	noving to Home	position		⊠ Yes	°Z	
 The Needle is coming to Wash Position 	ing to Wash Po	sition		⊠ Yes	% □	
 Lamp is Glowing 				⊠ Yes	_Ž	
 Temperature of Peltier is showing 37 degrees 	ltier is showin	g 37 degree	S	\boxtimes Yes	ş	

Validation

Performing Filter Check:

Test	Range in Abs	AbsValue
Filter 340nm	1,7 to 3.5	
Filter 405nm	1,2 to 2.6	
Filter 505nm	0.8 to 2.6	
Filter 546nm	0.8 to 2.6	
Filter 578nm	0.6 to 2.6	
Filter 620nm	0.6 to 2.6	
Filter 660nm	0.6 to 2.6	
Filter 700nm	0.6 to 2.6	

Performance Check

 Sample syringe Dispensing Volume: 100Ul Blanking is proper during test: Results are Satisfactory 	Reagent syringe Dispensing Volume: 1000Ul	Yes
] Sample syringe Dispensing Volume: 100Ul	Yes
	Blanking is proper during test:	Yes
	Results are Satisfactory	Yes

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QC s
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Run

Test	Target value	Target CV%	Target CV% Mean result	% CA
Check-S (left)	0.08 (0.060-0.100)	<1%		
Check-R (left)	1.75 (1.500-2.000)	<1%		

Chemical Installation

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Run Calibrations

stry applications
chem
clinical
for several
C material
Run Q

(a few enzymes, a few substrate tests and if applicable ISE tests and fill in the results in the table below)

Level 1 Test result	Test	OC Range			
rol numin	15	Level 1	Test result	QC Range Level 2	Test result
rol numin					
umin	rol				
umin en					
	umin				

☐ Remarks:

Instrument is calibrated and working in good condition

Tested Samples and found results are satisfactory

This Calibration is valid from 20-11-2021 to 19-11-2022.

Next Calibration is due on: 20-11-2022.

Technical Acceptance By,

Amal V K Service Engineer Thiruvananthapuram







INSTALLATION QUALIFICATION

CUSTOMER NAME	Nirnaya Diagnostics Centre
CUSTOMER ADDRESS	Main Road, Kunnathukal, Karakonam P.O, Thiruvananthapuram
INSTRUMENT NAME	Selectra Pro S
INSTRUMENT SERIAL NUMBER	18-4522
INSTALLATION DATE	01-12-2019



INSTALLATION, OPERATIONAL AND PERFORMANCE QUALIFICATION

Transport damag	<u>res</u>		
Package damaged	☐ Yes	⊠ No	
Parts damaged	☐ Yes	⊠ No	
If yes, please specify:			
Initial check:			
Parts missing?		Part Number	Part Description
(Check against packing	; list)		
☐ Yes → Please	specify parts		
□ No			
* Please return parts, Installation	including a malfunction	on report.	
Perform the next step:	s		
_		nter, keyboard and mo	ouse)
_		olution (1:4) (if applica	
☐ Install water a	and waste containers	(add sufficient amount	of system liquid to the water)
Install cuvette	rotor(s)		
☐ Install syringe	es (be aware the 1000	ul is on the rear-side)	
☐ Install the ISE	E unit (if applicable)		
☐ Power Up the	PC, Analyser, Coolin	ng unit and ISE unit.	
Start Up the a	nalyser software.		
Set system par	rameters		
Run "Fill syst	em"		
	olution (on the reager		inse solution (System Cleaning
Run "Rotor B	lank"		



INSTALLATION, OPERATIONAL AND PERFORMANCE QUALIFICATION

Run 20 x Check-S and 20 x Check-R as QC samples (for XL instruments left and right)

Fill in the results in the table below

Test	Target value	Target CV%	Mean result	CV %
Check-S	0.08 (0.060-0.100)	< 1%		
Check-R	1.75 (1.500-2.000)	< 1%		

-----END OF QUALIFICATION-----

The customer confirms that the conditions required to ensure the proper functioning of the device according to the supplier's recommendations have been inspected and qualified.							
Customer's co	Mments YES	Installer's comments					
		Successfully verified all installation criteria as per manufacturer recommendation.					
Customer (Name and Position)	Signature	Installer (Name and Position)	Signature				
Gautham Hospital - Panayapally		Amal V K Field Service Engineer LabX Medical Systems					
This document is prepared and signed in duplicate. Each page must be initialled by the installer.							



CHEMICAL INSTALLATION

	Run Reagent Blank								
	Run Calibrations								
Run QC material for several clinical chemistry applications (a few enzymes, a few substrate tests and if applicable ISE tests and fill in the results in the table below)									
	Test 3	QC range level 1	Test result	QC range level 2	Test result				
END OF QUALIFICATION									
The customer confirms that the conditions required to ensure the proper functioning of the device according to the supplier's recommendations have been inspected and qualified.									
∑ YES □ NO									
Customer's comments		Installer's comments							
		Successfully verified all operational criteria as per manufacturer recommendation.							
	tomer d Position)	Signature		Installer and Position)	Signature				
	Hospital - /apally		Field So	amal V K ervice Engineer Medical Systems					