



Nirmal Medical Systems

(AN ISO 9001 : 2015 & ISO 13485 : 2013 COMPANY)

Date: 01-04-2022

CALIBRATION CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

We hereby certify that the Electrolyte Analyzer Model NuLYTE SMART, which belong to Origyn Path Labs, Wazirpur Distt. Centre, HB Twin Tower, HB 4th Floor, Netaji Subhansh Place, Pitam Pura New Delhi, and is installed in Laboratory is Standardized and tested on 01th April, 2022.

Measured mV Values are:-

S.N.	Electrode	Calibration Slope (mV)	Calibration Ranges (mV)
01	Na ⁺	59.375 mV/dec	35-100 mV/dec
02	K ⁺	57.08 mV/dec	35-100 mV/dec
03	Cl ⁻	42.46 mV/dec	30-100 mV/dec

QC Measurement Lot No: UQC2010A Exp: Sep.2022)

S.N	Parameter	Expected Values (mmol/L)
		LEVEL 2
01	Na ⁺	136 – 150
02	K ⁺	3.51 – 4.51
03	Cl ⁻	92 – 106

Measured Values are:-

S.N	Parameter	Measured Values (mmol/L)
		LEVEL 2
01	Na ⁺	144.95
02	K ⁺	4.06
03	Cl ⁻	98.51

Successful completion of the preceding activities and checks indicates that this instrument has been satisfactorily installed. The instrument has passed the Installation Qualification procedure. This Calibration Certificate is valid for one year. Next Calibration is due on **31th March, 2023.**

For Nirmal Medical Systems,

(Authorized Signatory)

INSTALLATION REPORT

NAME & ADDRESS OF THE INSTALLATION PLACE: *Origyn Path Labs*
Wazirpur Distt Center HB Twins Tower
4th floor, Netaji Subhash Place Pitam Pura
Delhi - 110034

NAME OF THE ANALYZER : *Nalyte Smart* S. No. : *3487*
PARAMETERS :
SODIUM (Na⁺) : POTASSIUM (K⁺) :
CHLORIDE (Cl⁻) : LITHIUM (Li⁺) :
IONIZED CALCIUM (iCa⁺⁺) : pH : HCO₃⁻ :
BUBBLE DETECTOR : REFERENCE :

INSTALLED ON : *19/11/2021*
WARRANTY ENDS ON : *19/11/2022*

COMMENTS IF ANY: *Checked and found that e*
+ install machine Now machine working
OK

INSTALLED BY
(NAME): *Bharat*
NAME OF THE DISTRIBUTOR: *Nirmal Medical Systems*
SIGNATURE: *Bharat*
DATE: *19/11/2021*
SEAL:

INSTALLED
AT: *Origyn Path Labs*
SIGNATURE: *Zaid*
NAME: *Zaid*
DESIGNATION:
SEAL:

MARKETED BY:

INSTALLATION

S.No	DESCRIPTION	STATUS	REMARKS
1	Physical Check	OK	✓
2	Short Supply of accessories	No	x
3	Check the voltage and earthing at the supply point.	OK	✓
4	Check the internal parts of the system for any loose connections	No	x
5	Check the input Voltage	OK	✓
6	Install printer paper with its Axel	No	x
7	Switch ON the system	OK	✓
8	Check the Date & Time	OK	✓
9	Check any leakage is present	No	x
10	Run a calibration & Test	OK	✓
11	Make a copy of the documents enclosed with Analyzer	OK	✓
12	Get a signature of acceptance of accessories	OK	✓
13	Submit Installation report & warranty Card	OK	✓

Bharat +1

Signature:

Date:

Bharat

Heise

Signature:

Date:

S.No:-841

Date :- 19-11-2021

Origyn Path Labs,
Wazirpur Distt Center,
HB TWIN TOWER,
4th Floor, Netaji Subhash Place,
Pitam Pura,
Delhi 110034

S. NO.	PART NO.	DESCRIPTION	QTY.
1	----	NuLYTE SMART Na ⁺ /K ⁺ /Cl ⁻ Electrolyte Analyzer (S/N# NLS-3487)	01 No.
2	----	Na ⁺ Electrode (S/N#2109H03)	01 No.
3	----	K ⁺ Electrode (S/N#2109I30)	01 No.
4	----	Cl ⁻ Electrode (S/N#2107B23)	01 No.
5	----	Ref. Electrode (S/N#2109C09)	01 No.
6	----	Bubble Detector (S/N#US5BD2109316)	01 No.
7	----	Adapter (S/N#SC144A0112)	01 No.
8	---	Power Cord	01 No.
9	---	Thermal Paper Roll	02 Nos.
10	---	Daily Cleaner (120ml)	01 Pack.
11	---	Operator Manual (CD)	01 No.
12	---	Calibration Pack	01 No.
13	---	Urine Diluent (250ml)	01 No.
14	---	Waste Bottel	01 No.
15	---	Dust Cover	01 No.

Aug 20 2021
19/11/21

CERTIFICATE OF ANALYSIS

PRODUCT:	NULYTE SMART ELECTROLYTE ANALYZER	
SERIAL NUMBER:	NLS-20211003487	
SOFTWARE VERSION:	24SW5.5USF.M024	
CHECK OF SETTING IN "SYSTEM" AND "SETUP" MENU:	PASSED	√
CALIBRATION DATA TEST:	PASSED	√
MEASUREMENT PROCESS TEST:	PASSED	√
INTERNAL PRINTER TEST:	PASSED	√
SERIAL COMMUNICATION TEST:	PASSED	√
CHECK OF SN CONFORMITY IN LABEL, PACKAGE AND PRINTOUT CE LOGO:	PASSED	√
APPEARANCE CHECK OF INSTRUMENT AND ACCESSORIES:	PASSED	√
COMPARISION OF PACKAGE CONTENT TO PACKING CHECKLIST:	PASSED	√

This unit with the serial number indicated above has been checked and released for sale Nirmal Medical System.. The specified values of the "internal check" (see user manual) are within the acceptable confidence range and the unit is able to function correctly under the conditions described in the user manual.

Date : 19.10.2021

Department Incharge: _____


 19/10/21