



arkray healthcare Pvt. Ltd.
Plot no. 336, 338, 340, Road no. 3, G.I.D.C.,
Sachin 394 230, (Surat), India. Telephone: 0261-239 7712 to 15
Facsimile: 0261-239 7719, URL: <http://www.arkray.co.in>

Calibration Certificate

Customer Name	Arunoshah Clinical Lab Pvt. Ltd.
Instrument Name	AUTO CHEM XACT PRO
Installation Date	04-04-2023
Serial Number	2022081209
Calibrated On	04-04-2023
Next Calibration Due	03-04-2024

Filter Check

Filter (nm)	Status	Filter (nm)	Status
340 nm	OK	405 nm	OK
450 nm	OK	510 nm	OK
546 nm	OK	578 nm	OK
620 nm	OK	660 nm	OK
700 nm	OK		

On basis of above mention checks, the instrument is functioning satisfactory.
If any major breakdown occur instrument to be re-validated.

Best Regards,

R. Pathak

Raghvendra Pathak

Application Specialist

Arkray Healthcare Pvt Ltd



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Installation / Operation/ Performance Qualification Certificate.
Auto Chem Xact Pro

System Description:

Type of Analyzer	Auto Chem Xact Pro (Fully Automatic Bio-Chemistry Analyzer)
Model	Xact Pro
Serial Number	2022081209
Marketed in India By	ARKRAY HEALTHCARE PVT LTD.

Instrument Delivery:

Date of Delivery	04/04/2023
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OPERATIONAL QUALIFICATION (OO)

Auto Chem Xact Pro
Analyzer Serial No: 2022081209

OPERATIONAL PARTS	Working	Not Working
Reagent/Sample Tray Movement	O.K.	---
Cuvette Tray Movement	O.K.	---
Reagent Refrigeration Section	O.K.	---
Cuvette section Temperature (37 C)	O.K.	---
Mixer Arm Movement	O.K.	---
Sample Arm Movement	O.K.	---
Reagent /Sample liquid level detection	O.K.	---
Waste & DI water sensor	O.K.	---
Optical Section	O.K.	---
External computer & Software	O.K.	---

All the parts of Auto Chem Xact Pro are in working condition & Operation of analyzer is according to given specifications at the user's environment.

For, Arkray Healthcare Pvt Ltd  Raghendra Pathak (Sr. Area Application Specialist)	Customer's Signature and Stamp
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PERFORMANCE QUALIFICATION (PO)


Auto Chem Xact Pro	SN: 2022081209	Date: 04/04/2023
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Calibration: Calibration done with Multi calibrator C.f.a.s. (Lot:10759350)

Verification of the instrument results is done and in range.

Cobas Lot (535719)	Results	Range of Control
Glucose	238.5	(211-283) mg/dl
ALP	251.5	(218-314) IU/L
Creatnine	3.9	(3.0-4.20) mg/dl
Albumin	4.7	(3.7-5.3) g/dl
SGOT	144.6	(117-171) IU/L
Cholesterol	164.4	(142-190.0) mg/dl
Total Protein	7.3	(6.5-8.1) g/dl
SGPT	125.96	(103-145) IU/L
UREA	118.9	(103-139) mg/dl
Triglyceride	229.2	(184-250) mg/dl

The results obtained are satisfactory. This is to certify that AutoChem Xact Pro is working OK & results are within recommended range

 Raghendra Pathak Application Specialist For, Arkray Healthcare Pvt Ltd.	Customer's Signature and Stamp
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