



Beckman Coulter India Pvt.

Regional Office

The DLF Galleria bearing unit no. 1201,
DLF Galleria, Plot No. BG-08,
Premises No. 02-0124, Action Area IB,
New Town, Kolkata – 700156.

Tel: +91 33-40050630/2

Fax: +91 33-40050631

CALIBRATION CERTIFICATE

We here by certify that the fully automated chemistry analyzer Beckman Coulter AU480 has been installed by us and Calibrated. It has passed all the following quality checks.

Instrument serial number : 2018041921

Installed at : Sri Venkateswara Institute Of Medical Sciences
Tirupati

Last Calibration Done on : 20.04.2022

Next Calibration Due on : 19.04.2023

Quality Checks - Passed

- . Reagent and sample aspiration system.
- . Reagent Tray & STAT Table Refrigeration.
- . Cuvette Wheel Incubation.
- . Lamp & Optical Unit.
- . Water supply and Tubing system.
- . Calibration of Probes, Rack, Track & Carousel Movements.
- . Reagent and Sample Position Identification.
- . Water test and QC checks.
- . Calibration of all test parameters.
- . QC run for all test parameters.

We here by confirm that AU480 has passed all the above quality checks and is working in good condition.

Beckman Coulter India Pvt. Ltd

Registered Office: Unit Nos. TF-B-07(A) to 15, Third Floor, B Wing, Art Guild House, Phoenix Market City, LBS Road,
Kurla (West), Mumbai – 400 070. Tel: +91 22 3080 5000 Fax: +91 22 3080 5060
CIN: U33119MH2005PTC157177 www.beckmancoulter.com

Confidential - Company Proprietary



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Photometric check

Requirement : All O.Ds should be less than 1.5

Wavelength	Optical Density	Result
340	1.2385	OK
380	0.8929	OK
410	0.8776	OK
450	0.8664	OK
480	0.7470	OK
520	0.7611	OK
540	0.8359	OK
570	0.9501	OK
600	1.0537	OK
660	0.8075	OK
700	0.8017	OK
750	0.6111	OK
800	0.6009	OK

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Incubation Temperture

Range: 37C +0.5

On display the temperature is 37.0 stable

S.NO	TEST PARAMETERS	MEASURED/CALIBRATED	REMARKS
01	INPUT VOLTAGE	230 V	--ok--
02	POWER	4 KVA	--ok--
03	INPUT FREQUENCY	50 Hz	--ok--
04	OPERATING TEMP.	20-25 °C	--ok--

Tool Used: Digital Multimeter

Make: Fluke

Model: 17B+

Sl.no: 39591421WS

We hereby confirm that Beckman Coulter AU480 has been successfully calibrated and passed all the above quality checks and is working in good condition.

For Beckman Coulter India Pvt Ltd

**T V SAPTHAGIRIDHAR
CUSTOMER SUPPORT ENGINEER**

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Calibration Certificate

Tests performed by: TBS India TELEMATIC AND BIOMEDICAL SERVICES PVT LTD.	On behalf of: SVMIS, TIRUPATI	Test Dates: Test Date: 10 SEP 2022 Re-Test Date: 09 SEP 2023 Test interval: 12 months
Asset: SVMIS/EndLab/02/2012/0289	Overall Status: Pass	

Description	Test Equipment used		
Description : A1C ANALYZER Certificate No : TBS/CAL/SVIMST/22/1589	Model	Serial No	Protocol
		Rigel 288+/62353+	25J-0317

Test	Mains	SEC	AP	Type	Limit	Result	Units	Status
Earth Bond	-	-	-	-	0.200	0.172	Ω	Pass
Live Voltage	-	-	-	-	0	231	V	Info
Neutral Voltage	-	-	-	-	0.00	0.00	V	Info
Load Current	-	-	-	-	0.00	0.00	A	Info
Load Test	-	-	-	-	0.00	0.00	kVA	Info
Earth Leakage (Direct)	-	-	-	-	5,000	79	μA	Pass
Earth Leakage (Direct)	-	Neutral O/C	-	-	10,000	144	μA	Pass
Earth Leakage (Direct)	Reversed	-	-	-	5,000	79	μA	Pass
Earth Leakage (Direct)	Reversed	Neutral O/C	-	-	10,000	144	μA	Pass
Enclosure Leakage (60601)	-	-	-	-	100	<4	μA	Pass
Enclosure Leakage (60601)	-	Earth O/C	-	-	500	16	μA	Pass
Enclosure Leakage (60601)	-	Neutral O/C	-	-	500	<4	μA	Pass
Enclosure Leakage (60601)	Reversed	-	-	-	100	<4	μA	Pass
Enclosure Leakage (60601)	Reversed	Earth O/C	-	-	500	16	μA	Pass
Enclosure Leakage (60601)	Reversed	Neutral O/C	-	-	500	<4	μA	Pass

Signature: _____

TBS INDIA
TELEMATIC AND BIOMEDICAL SERVICES

TBS
TIRUPATI

Tested by: _____