

Name	Jagannath Choudhary
Department	Healthcare – Service
Telephone	+91-022 3370 0724
Fax	+91-022 3370 0654
Mobile	+91- 09769108282
E-mail	Jagannath.chouchary@siemens-healthineers.com

Calibration Certificate

This is to certify that Dimension Xpand Plus, having Instrument ID: 1038126466 & Serial No.2004081972, installed at Manglam Invitro Lab, Rajkot has been successfully calibrated on March 18, 2023. Please find below, results of calibration performed on Instrument.

Photometric Calibration Data are as follows:

Parameter	Observed Value	Accepted Range
Photometer Dark Calibration		
Reference	9104.39 Hz	8500 – 11000 Hz
Sample Outer ON	9306.46 Hz	8500 – 11000 Hz
Sample Outer OFF	9307.07 Hz	8500 – 11000 Hz

Lamp Calibration		
Low Calib Level	49.9%	NA
High Calib Level	62.9%	NA
Photometer Arm Alignment	-8	-2 to -9

Filters	Offset	System Check Results	Range
293 nm	159	1.08	+/- 2.5
340 nm	189	0.32	+/- 1.5
383 nm	222	0.44	+/- 1.5
405 nm	220	0.43	+/- 1.5
452 nm	229	0.52	+/- 1.5
510 nm	238	0.43	+/- 1.5
540 nm	239	0.32	+/- 1.5
577 nm	234	0.41	+/- 1.5
600 nm	230	0.41	+/- 1.5
700 nm	240	0.43	+/- 1.5

Siemens Healthcare Private Limited

Unit No.9A, 9 th Floor, North Tower, Godrej One, Pirojshanagar, Vikhroli (E), Mumbai - 400 079	Tel.: +91 022-3370 0600 Fax: +91 022-3370 0604 Email: hc_contact.india@siemens-healthineers.com www.siemens.co.in
---	--

Registered office: Unit No. 9A, 9th Floor, North Tower, Godrej One, Pirojshanagar, Eastern Express Highway, Vikhroli (E), Mumbai - 400 079; Corporate Identity number: U74999MH2015PTC264859
Sales Offices: Ahmedabad, Bengaluru, Bhopal, Chandigarh, Chennai, Coimbatore, Gurgaon, Hyderabad, Jaipur, Kochi, Kolkata, Lucknow, Mumbai, Nagpur, Patna, Pune.

System Check Results – CHK LOT – BB2075

Parameters	Results		Range	
	Mean	SD	Mean	SD
Reagent 1	394.84	2.65	392+/-15	< 3.8
Reagent 2	394.10	2.60	392 +/-15	< 3.8
Sampler	39.65	0.19	39.0 +/-2	< 0.8

Temperature			
Cuvette		37.0°c	37.0°c +/- 0.2
HM		43.0°c	43.0°c +/- 1.0
Regent Tray		3.8°c	2°c to 8°c

The instrument is working satisfactorily, subsequent to Calibrations of the above parameters, and the Next Calibration is due in the month of March 2024.

Note: CHK kit is an USFDA approved kit used in performing the system check in all Dimension systems. The carton value is a predetermined value for which the limits are defined in system check screen and operator guide of Dimension.

Siemens Healthcare Private Limited



Jagannath Choudhary
Regional Customer Care Manager – West & West Central