



Genuine Biosystem Pvt Ltd

QQ (Operational Qualification)

Equipment is working on PHOTOMETRIC Principle.

Following is a list of tests to be performed and verified:

OPTICAL FILM READING CALIBRATION			
Wavelength	Film type	Range	Absorbance Obtained
340 nm	1SP	0.549 - 0.619	0.590
	1HP + 1SP	0.842 - 0.975	0.914
	1TP	1.627 - 1.853	1.737
	2DP + 1HP	2.643 - 3.427	2.714
405 nm	1SP	0.307 - 0.348	0.318
	1TP	0.929 - 1.062	1.007
	2DP + 1HP	1.432 - 1.642	1.572
	3TP	2.809 - 3.318	3.034
510 nm	1SP	0.299 - 0.337	0.300
	1TP	0.913 - 1.054	0.997
	2DP + 1HP	1.386 - 1.576	1.505
	3TP	2.784 - 3.232	2.997
645 nm	1SP	0.264 - 0.313	0.286
	1TP	0.844 - 0.956	0.918
	2DP + 1HP	1.287 - 1.446	1.393
	3TP	2.512 - 2.849	2.790
578 nm	1SP	0.265 - 0.302	0.292
	1TP	0.791 - 0.904	0.874
	2DP + 1HP	1.200 - 1.391	1.337
	3TP	2.387 - 2.702	2.660
630 nm	1SP	0.300 - 0.352	0.331
	1TP	0.977 - 1.115	1.065
	2DP + 1HP	1.443 - 1.648	1.584
	3TP	2.806 - 3.230	3.165

Thanking you,

For GENUINE BIOSYSTEM



QC DEPARTMENT

#97 & 98, Kattabomman Street, Parvathy nagar Extn., Old Perungalatur, Chennai-600063. TN.INDIA. Ph:044-48681845

Email: instruments@genuinebiosystem.com Web: www.genuinebiosystem.com



Equipment Description:

Instrument Identification		Verified By	Date
Equipment Name	BICOHEMISTRY ANALYZER	Jeeva	03.02.2023
Model	GB235		
Manufacturer	GB		
Marketed By	KUBE INC		
Serial Number	BACL-1812		
Power	220V		

IQ (Installation Qualification)

Sr No	Utilities to be checked	Observation	Inference	Verified by & Date
1	Environmental condition as per requirement : Ambient Temp Range : <u>26 - 35 °C</u> Humidity Range: <u>Less Than 80 %</u>	Temp : <u>26 °C</u> Humidity : <u>52%</u>	YES	Jeeva 03.02.2023
2	Adequate space for installation : Minimum in FT. <u>4(W) X 2.5(D)</u>	OK FT.4.5(W)X2.5(D)	YES	Jeeva 03.02.2023
3	Electrical Outlets : Actual voltage on site : <u>140-250 V</u>	245 AC & Adapter : 12.3DC	YES	Jeeva 03.02.2023
4	UPS	Available	YES	Jeeva 03.02.2023

The instrument has been verified for the following:

Sr No.	Verification	Check	Verified by & Date
1	Equipment is identified	YES	Jeeva 03.02.2023
2	Manufacturer's specifications are included	YES	
3	Accessories / consumables are listed	YES	