

Calibration Certificate

Instrument Model	CelQuant-5 Plus		Instrument No.	CQ5PO230308		Date of Installation	16-Jun-2023
Version No.	Control Board	FPGA Control Board FPGA	Main Board	Temperature Control Board	Sample Feeding Control Board	Collection Board	FPGA Collection Board FPGA
	✓	✓	✓	✓	✓	✓	✓
Client Name	Mamatha Medical Academy						
Blank Test							
Analyzer blank count should meet: RBC \leq 0.05 \times 10 ¹² /L, WBC \leq 0.5 \times 10 ⁹ /L, HGB \leq 2g/L, PLT \leq 10 \times 10 ⁹ /L							Qualified or not
							✓
Comparability (Accuracy Analyzer Test)							
Analyzer comparability should meet: RBC \leq 2.5%; WBC \leq ±5.0%; HGB \leq ±2.5%; PLT \leq ±8.0%;HCT/MCV \leq ±3.0%							Qualified or not
							✓
Test Repeatability							
Analyzer comparability should meet: RBC \leq 2.5%; WBC \leq ±5.0%; HGB \leq ±2.5%; PLT \leq ±8.0%;HCT/MCV \leq ±3.0%							Qualified or not
							✓
Over Rate Test-Carry							
Analyzer carry-over rate should meet: RBC \leq 2.0% ; WBC \leq 3.5% ; HGB \leq 2.0% ; PLT \leq 5.0%							Qualified or not
							✓
Test Safety							
No.	Test Items					Qualified or not	
1	Insulation withstand voltage test					✓	
2	Grounding Resistance Test					✓	
Test Result	Qualified			✓			
Put a tick "✓" if qualified; and a cross "×" if unqualified.							
Remarks:							

Date of Calibration : 16-Jun-2023

Valid Up to :15-Jun-2024

Engineer Name : Mr. Manoj Gautham

