




UNMATCHED SERVICE
SINCE 1979...

CALIBRATION CERTIFICATE									
Customer Name:		Nirma University				Ahmedabad			
Model Semi Automated Biochemistry Analyzer Erba Chem 7									
Serial No. S211263		CALIBRATION DATE- 1st Jan 2022							
Functional Check:									
1	Pump Calibration	2350							
(Calibrate the Peristaltic pump)									
2	Key Functions	Pass							
(Confirm all keys function & keys not hard to press)									
3	Printer Test	Pass							
(Confirm that all characters printed w/o gap & are clearly redeable -									
4	Buzzer	Pass							
(Confirm buzzer beeps when press any key)									
5	VOLTAGE CHECK	Required			Actual Voltage				
	LAMP VOLT TEST +12V	12V (+/- 0.5V)			11.78v				
	LINE VOLT	230V (+/- 10V)			224 v				
	SMPS	17V/ DC to 19V /DC			18.10 v				
	TEST +5V	5.01V (+/- 0.5V)			5.01v				
	TEST +12 V	12.00V (+/- 0.5V)			12.10v				
6	PRE & LOG CHANNEL READINGS FOR THE FILTER								
Filter	340	405	450	505	546	578	600	670	Range
Prechannel value	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	30k ~ 200k
logchannel value	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	0 to 2.00

All above test has been performed and it passed
This is to certify that the above mentioned Automated Biochemistry Analyzer IS Technically Calibrated and it is working OK.


**Technical Service Deptt. - Transasia
Bio-Medicals Ltd.**