

CERTIFICATE OF CALIBRATION

Customer Name : Annapurna Pathology

Instrument Name : Automated 3Part Hematology Cell counter

Make: Nihon Kohden **Model :** MEK-6420P **Serial Number :**51477

Calibration done on :07/12/2022 **Next Calibration due :** 06/12/2023

Lab In-Charge:

This is to certify that above mentioned instrument has been calibrated for CBC parameters i.e. RBC, MCV, PLT, MPV, HGB and WBC in open tube mode after verifying the background run for the machine. Calibration was verified by running internal quality control for which data has been attached as annexure herewith along with background run and sensor check.



For Nihon Kohden India Pvt.Ltd.

Name: Ashutosh Tiwari Designation: Sr.Engineer

Annexures :-

Annexure-I :-Background results obtained

Annexure-II :- IQC results

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ANNEXURE-I

Results obtained after running background.

Parameter	Value	Range	Status
RBC	0.01	0.01 (10 ¹² /L)	Passed
WBC	0.2	0.1 (10 ⁹ /L)	Passed
HGB	0.0	0.2 (g/dL)	Passed
PLT	3.0	10 (10 ⁹ /L)	Passed

Note:- Printout of the snapshot of the background results are attached herewith.

ANNEXURE-II

Results of the Internal Quality Control:-

Test	Result	Range Normal QC	Result	Range High QC
RBC	4.15	4.15 (3.97-4.33)	4.98	5.07 (4.85-5.29)
WBC	8.4	8.7 (8.1-9.3)	20.1	20.8 (19.3-22.3)
HGB	12.2	12.2 (11.8-12.6)	18.0	16.7 (16.2-18.2)
PLT	235	207 (177-237)	498	507 (447-567)
MCV	82.9	82.9 (77.9-87.9)	95.0	96.4 (91.4-101.4)
HCT	34.4	34.4 (31.4-37.4)	47.3	48.9 (45.4-52.4)
MCH	29.4	29.4 (27.9-30.9)	36.1	32.9 (29.4-36.4)

Note:- Printout of the snapshot of the IQC results are attached herewith.

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Run in Background



Sensor Check



Normal Control



High Control

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