

Certification of Calibration

Instrument Name	: Automated 3 Part Cell Counter
Make	: Nihon Kohden
Model	: MEK 6420 P
Serial no	: 52404
Calibration date	: 22-Dec-23
Installation place	: GURU NANAK DIAGNOSTICS, Roop Nagar

This is to certify that the above mentioned instrument has been successfully calibrated on **22nd Dec 2023** with MEK-CAL lot no-PLUS-23Z bearing expiry till **05th Jan 2023**. During the calibration of the analyser, all CBC parameters were calibrated.

Run Quality Controls MEK-3D (Low, Normal, and High) Lot no-B23Y bearing expiry of **05th Feb 2023**, Result found within specified range.

Based on the manufacture recommended calibration interval the next due date of calibration is on **21st Dec 2024**. Validity \pm 30days. Or depends on QC performance/subject to replacement or change in hardware.

For Nihon Kohden India Pvt.
Ltd.

Name : Jaswinder singh
Designation : R M



Precision Check Data

Instrument Name : Automated 3 Part Cell Counter
Nihon
Make : Kohden
Model : MEK 6420 P
Serial no : 52404
Calibration date : 22-Dec-23
Installation place : GURU NANAK DIAGNOSTICS, Roop Nagar

PRECISION RUN DATA					
Sample No.	WBC	RBC	HGB	HCT	PLT
1	7.20	4.30	12.40	37.0	194
2	7.10	4.35	12.40	36.2	194
3	7.20	4.30	12.40	36.4	199
4	7.20	4.40	12.50	37.1	193
5	7.30	4.31	12.50	36.3	198
6	7.20	4.30	12.70	36.5	193
7	7.10	4.34	12.20	36.7	199
8	7.00	4.32	12.40	36.6	204
9	7.30	4.44	12.60	36.6	206
10	7.10	4.34	12.40	36.8	188
Mean	7.17	4.34	12.45	36.62	196.80
SD	0.09	0.0	0.14	0.3	5
CV%	1.32	1.1	1.09	0.8	3

Acceptable CV%	Within 2.0%	Within 1.5%	Within 1.5%	Within 1%	Within 4%
Result status	PASS	PASS	PASS	PASS	PASS

*Precision study performed on the analyzer using a blood samples.

For Nihon Kohden India Pvt. Ltd.

Name : Jaswinder singh
Designation : R M



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CALIBRATION RUN DATA					
Sample No.	WBC	RBC	HGB	HCT	PLT
1	9.00	4.62	14.20	40.4	241
2	9.20	4.67	14.20	40.8	254
3	9.00	4.67	13.90	40.7	255
4	9.20	4.74	14.30	41.3	250
5	8.90	4.61	13.90	40.4	241
6	9.00	4.62	14.20	40.4	241
7	9.20	4.67	14.20	40.8	254
8	9.00	4.67	13.90	40.7	255
9	9.20	4.74	14.30	41.3	250
10	8.90	4.61	13.90	40.4	241
Mean	9.06	4.41	14.10	40.72	248.20
SD	0.13	0.05	0.18	0.35	6
CV%	1.40	1.1	1.25	0.9	2.6

Acceptable CV%	Within 2.0%	Within 1.5%	Within 1.5%	Within 1.5%	Within 4%
Result status	PASS	PASS	PASS	PASS	PASS

*Precision study performed on the analyzer using a blood samples.

For Nihon Kohden India Pvt. Ltd.
 Name : Jaswinder singh
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Ltd.
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GURU NANAK DIAGNOSTICS

P. ARMAR HOS.
BLOCK:
SECTION: 2AB
UNIT: 0101

NIHON KOHDEN

Celltac

08 MAY '24 12:45

ID 120981 0012

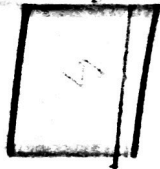
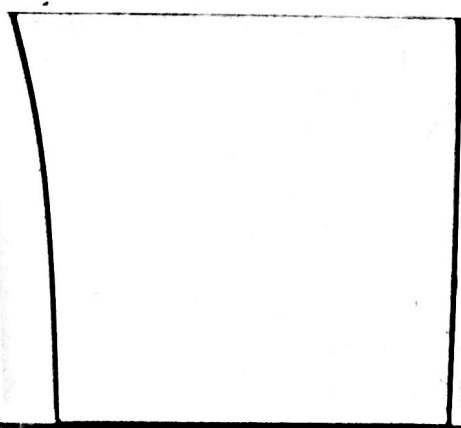
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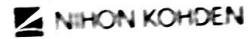
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Sl. No.: 52404

 **NIHON KOHDEN**

Serial No : 52404

Installation Date : AMC-24-12-23

Last PM Done on : 15-04-24

Next PM Due on : 15-07-24

Engineer Name Ved Prakash

Signature : VR Maurya

Contact No. : 8448690678