

Certificate of Calibration

Instrument : Automated 3Part Cell Counter
Make : Nihon Kohden
Model : MEK -6420P
Serial No : 52404
Date Calibration : 18-12-2020
Installation place : Guru Nanak diagnostics-Ropar

This is to certify that the above mentioned instrument has been successfully calibrated on 18th Dec 2020 with MEK-CAL lot no-PLUS 20Y bearing expiry till 5th JAN, 2021. During the calibration of the analyser, all CBC parameters were calibrated.

Ran Quality Controls **MEK-3D (Low, Normal, and High) Lot no-B19Y** bearing expiry of 5th FEB 2021, Result found within specified range.

Based on the manufacture recommended calibration interval the next due date of calibration is on 17th Dec 2021. Validity \pm 30days. Or depends on QC performance/subject to replacement or change in hardware.

For Nihon Kohden India Pvt. Ltd.

Aditya Pathania(SR.ENGINEER)



Calibration Data

Instrument: Automated 3 Part Cell Counter
Make: Nihon Kohden
Model: MEK-6420P
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CALIBRATION RUN DATA					
Sample No.	WBC	RBC	HGB	HCT	PLT
1	8.5	4.59	13.9	41.9	244
2	8.5	4.61	14.0	42.1	246
3	8.5	4.63	14.0	42.3	257
Mean	8.5	4.61	14.0	42.1	249
CV%	0.0	0.4	0.4	0.5	2.8

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.

Aditya Pathania(SR.ENGINEER)



PRECISION CHECK CERTIFICATE

Instrument : Automated 3 Part Cell Counter
Make : Nihon Kohden
Model : MEK -6420P
Serial No : 52404
Date Calibration : 2-12-2020
Installation place : Guru Nanak diagnostics-Ropar

PRECISION CHECK DATA					
Sample No.	WBC	RBC	HGB	HCT	PLT
1	6.6	4.97	13.5	41.8	231
2	6.5	4.98	13.4	42.1	228
3	6.6	5.00	13.6	42.1	233
4	6.5	4.93	13.5	41.3	225
5	6.7	4.91	13.5	41.2	252
6	6.5	4.96	13.4	41.8	235
7	6.7	5.01	13.5	42.2	227
8	6.5	4.93	13.6	41.5	249
9	6.5	5.00	13.5	42.0	239
10	6.4	4.98	13.5	42.0	237
Mean	6.55	4.73	13.5	41.8	236
SD	0.1	0.03	0.1	0.3	8.6
CV%	1.4	0.7	0.5	0.8	3.6

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.

Aditya Pathania(SR.ENGINEER)

