

***Input data***



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Instrument Name	Automated 3 Part Cell Counter
Make	Nihon Kohden
Model	MEK-1301 K
Serial no	307
Calibration date	02-Feb-23
Installation place	DR BHARTI PATH LABS

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Name : Jaswinder Singh

Designation : R.M

## Calibration Data

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Instrument Name : Automated 3 Part Cell Counter  
 Make : Nihon Kohden  
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### CALIBRATION RUN DATA

Sample No.	WBC	RBC	HGB	HCT	PLT
1	8.90	4.75	14.40	42	287
2	8.90	4.66	14.30	41.4	274
3	8.80	4.72	14.20	42	288
<b>Mean</b>	8.87	4.71	14.30	41.80	283.00
SD	0.06	0.05	0.10	0.35	8
CV%	0.65	1.0	0.70	0.8	2.8

Acceptable CV%	Within 2.0%	Within 1.5%	Within 1.5%	Within 1.5%	Within 4%
<b>Result status</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

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



For Nihon Kohden India Pvt. Ltd.

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**Designation : R.M**

## Precision Check Data

Instrument Name	:	Automated 3 Part Cell Counter
		Nihon
Make	:	Kohden
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Serial no	:	307
Calibration date	:	02-Feb-23
Installation place	:	DR BHARTI PATH LABS

### PRECISION RUN DATA

Sample No.	WBC	RBC	HGB	HCT	PLT
1	8.04	4.53	12.90	44.6	287
2	8.32	4.52	12.88	44.6	311
3	8.25	4.44	12.98	43.5	284
4	8.22	4.43	12.97	43.3	290
5	8.30	4.46	12.92	43.9	289
6	8.25	4.44	12.98	43.5	284
7	8.23	4.53	12.81	44.0	277
8	8.39	4.50	12.87	43.9	285
9	8.16	4.50	12.87	43.9	301
10	8.39	4.48	12.88	43.8	285
<b>Mean</b>	8.26	4.48	12.91	43.9	289
<b>SD</b>	0.11	0.0	0.06	0.4	10
<b>CV%</b>	<b>1.28</b>	<b>0.9</b>	<b>0.44</b>	<b>1.0</b>	<b>3</b>

Acceptable CV%	Within 2.0%	Within 1.5%	Within 1.5%	Within 1%	Within 4%
<b>Result status</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

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



For Nihon Kohden India Pvt. Ltd.

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## Certification of Calibration

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Instrument Name	:	Automated 3 Part Cell Counter
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This is to certify that the above mentioned instrument has been successfully calibrated on **02nd Feb 2023** with MEK-CAL lot no-**PLUS 231** bearing expiry till **5th Feb 2023**. During the calibration of the analyser, all CBC parameters were calibrated.

Ran Quality Controls **MEK-3D (Normal) Lot no-22Y** bearing expiry of **5th Feb 2023**, Result found within specified range.

Based on the manufacture recommended calibration interval the next due date of calibration is on **02nd Feb 2024**. Validity  $\pm$  30days. Or depends on QC performance/subject to replacement or change in hardware.



For Nihon Kohden India Pvt. Ltd.

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**Designation : R.M**