

CALIBRATION CERTIFICATE

Customer Name	FATIMA HOSPITAL
Address	Mother Teresa Road Padri Bazar Gorakhpur

CALIBRATION REPORT FOR

Equipment	Heamatology Analyzer
Model	MEK-6420P
Serial number	01252735

CALIBRATION VALIDITY

Calibration performed date	11-08-2021
Calibration validity	One Year
Next Calibration Due on	August 2022

CHECKS BEFORE CALIBRATION

PHYSICAL CHECKS:

Outer Casing/Chassis O.K.(No Damage)	Yes <input checked="" type="checkbox"/> / No <input type="checkbox"/>
Calibration validity	Yes <input checked="" type="checkbox"/> / No <input type="checkbox"/>
Next Calibration Due on	Yes <input checked="" type="checkbox"/> / No <input type="checkbox"/>

PRFORMANCE CHECKS AFTER CALIBRATION

HGB Voltage	1.850
WBC Voltage	19.00
RBC Voltage	18.50
Diluent Voltage	1.41 V
Lysing Reagent	1.00 V
HGB Unit Temp. (Degree Cent.)	26.2
MC Unit (Degree Cent.)	25.0
Power Board (Degree Cent.)	26.3

Calibrator Details:-

- MEK-CAL
- LOT NO-PLUS 218
- EXP- 05/09/2021

After calibration Quality Control test for all level passed successfully.

Test results is coming OK	✓	Remarks	Done
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Service Engineer

MEK-CAL

 HEMATOLOGY
 CALIBRATORS 2.0mL

ASSAY SHEET

LOT No.

PLUS218

EXP. DATE

05 Sep '21

OPEN VIAL STABILITY

7 DAYS

PARAMETER		MEK -7222	MEK -8222	MEK -6400 -6410 -6420	MEK -6500 -6510	MEK -7222	MEK -7300	MEK -8222	MEK -9100 -9200	MEK -1301 -1302 -1305 *4	MEK -6450	MEK -6550	
		ASSAY VALUES	ASSAY VALUES	ASSAY VALUES	ASSAY VALUES	ASSAY VALUES	ASSAY VALUES	ASSAY VALUES	ASSAY VALUES	ASSAY VALUES	ASSAY VALUES	ASSAY VALUES	
WBC	10 ³ /μL	8.9	8.7	8.8	8.8	8.9	8.8	8.7	9.13	8.89	8.8	8.8	
RBC	10 ⁶ /μL	4.68	4.67	4.68	4.68	4.68	4.72	4.67	4.66	4.67	4.68	4.68	
HGB	g/dL	14.3	14.1	14.2	14.3	14.2	14.2	14.1	14.42	14.32	14.2	14.3	
HCT	%	44.1	41.7	41.5	41.5	44.1	42.8	41.7	48.0	48.2	41.5	41.5	
MCV	fL	94.3	89.2	88.7	88.7	94.3	90.7	89.2	102.9	103.2	88.7	88.7	
MCH	pg	30.6	30.2	30.3	30.6	30.3	30.1	30.2	30.9	30.7	30.3	30.6	
MCHC	g/dL	32.4	33.8	34.2	34.5	32.2	33.2	33.8	30.0	29.7	34.2	34.5	
PLT	10 ³ /μL	234	236	232	232	234	237	236	241.2	243.4	232	232	
MPV	fL	5.5	5.5	5.5	8.2	5.5	7.0	5.5	8.3	8.4	5.5	8.2	
RDW *2	%	13.8	14.0	14.6	14.6	13.8	14.7	14.0	14.5	14.5	14.6	14.6	
DILUENT		ISOTONAC-3 ISOTONAC-4						ISOTONAC-3					
HEMOLYSING REAGENT		HEMOLYNAC-3		HEMOLYNAC-3N				HEMOLYNAC-310		HEMOLYNAC-3N			
		HEMOLYNAC-5		-		HEMOLYNAC-5		HEMOLYNAC-510		-		-	

 The ideal peaks for
 optical adjustment. *1

PARAMETER	MEK
	-7222
	-7300
	-8222
	-9100
	-9200
	ASSAY VALUES
FS	165
FL	89
SD	106
FS THR.	100

 MEK-9100,9200
 QR code *3


MEK-1301,1302,1305 Barcode Entry *4


NOTE:

RBC indices are calculated by rounding off to the whole number or the nearest tenth.

*1 Finely adjust the Gain with MEK-CAL hematology calibrator by selecting MEK-CAL mode on the ADJUST SAMPLE SETTING screen, and then entering the ideal peak values for FS, FL and SD.

For details, please refer to the Operator's Manual.

*2 RDW is displayed as RDW-CV on MEK-6500,6510,6550/7300/9100,9200/1301,1302,1305.

*3 The accompanying handy barcode reader to MEK-9100,9200 can read the below QR code and load assay values into its hematology analyzer.

"QR Code" is registered trademark of DENSO WAVE INCORPORATED in Japan and other countries.

*4 Read the barcode that are printed below "Barcode Entry" on the assay sheet of the Nihon Kohden genuine calibrator with the barcode reader.

When the barcode is read, the assay values are automatically entered.

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MEK-CAL



PLUS218



2021/09/05



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