

CALIBRATION CERTIFICATE


INSTRUMENT MODEL	BC-5130	SERIAL NO	TR-75000049
TYPE	HEMATOLOGY ANALYZER-5-part	INSTALLED AT	Reliable Diagnostic Centre Plot. No.07 Sadul Colony Bikaner
CALIBRATOR USED	Mindray SC-Cal Plus	Calibrator Lot No	PLUS0221
		Calibrator Expiry	05/03/2021

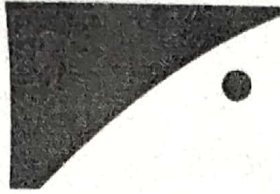
Enclosed:-

1. Assay Sheet of Mindray SC-Cal Plus for Mindray Hematology (Lot-Plus-0221, Expiry-05/03/2021)
Machine calibration successfully. Machine is working properly.

Calibration Done -26/02/2020

Next Calibration Due - 27/02/2021

FOR LABTECH

(Authorised Signatory)
JAIPUR



Calibration Report

Reliable Diagnostic Centre Bikaner

Instrument Model:- Mindray Bc 5130

Sr.No:- TR-75000049

Calibrator Lot No:- PLUS0221

Calibrator EXP:- 05-03-2021

Calibration Date:- 26-02-2021

	Select	WBC	RBC	HGB	MCV	PLT
Target		8.98	4.55	13.6	91.0	258
1		9.12	4.65	13.6	83.9	237
2		9.10	4.60	13.6	84.1	230
3		9.17	4.61	13.5	84.0	226
4		9.05	4.60	13.5	83.7	230
5		9.03	4.53	13.3	83.8	236
6		9.17	4.53	13.6	83.8	233
7		9.22	4.59	13.4	83.2	223
8		9.29	4.53	13.6	84.0	231
9		9.14	4.53	13.5	83.9	216
10		9.24	4.60	13.6	83.5	229
Mean		9.15	4.59	13.5	83.8	229
CV(%)		0.9	1.0	0.6	0.3	2.7
New Factor(%)		98.11	98.18	100.61	108.61	112.64
Old Factor(%)		115.42	110.01	109.00	102.00	108.00



SC-CAL PLUS

HEMATOLOGY CALIBRATOR

CALIBRATOR

LOT	PLUS0221
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2021-03-05

Instrument	Parameter	Calibration Values	Acceptable Range
BC-6800, BC-6600	WBC x 10 ⁹ /L	8.74	8.54 - 8.94
	RBCx 10 ¹² /L	4.52	4.44 - 4.60
	HGB g/L	137	135 - 139
	MCV fL	94.5	92.5 - 96.5
	PLT x 10 ⁹ /L	257	245 - 269
BC-6800Plus BC-6700Plus BC-6600Plus	WBC x 10 ⁹ /L	8.88	8.68 - 9.08
	RBCx 10 ¹² /L	4.51	4.43 - 4.59
	HGB g/L	137	135 - 139
	MCV fL	95.5	93.5 - 97.5
	PLT x 10 ⁹ /L	255	243 - 267
BC-6200 BC-6100Plus, BC-6100 BC-6000Plus, BC-6000	WBC x 10 ⁹ /L	9.00	8.80 - 9.20
	RBCx 10 ¹² /L	4.62	4.54 - 4.70
	HGB g/L	138	136 - 140
	MCV fL	94.9	92.9 - 96.9
	PLT x 10 ⁹ /L	259	247 - 271
BC-5800, BC-5600	WBC x 10 ⁹ /L	9.25	9.05 - 9.45
	RBCx 10 ¹² /L	4.61	4.53 - 4.69
	HGB g/L	138	136 - 140
	MCV fL	88.5	86.5 - 90.5
	PLT x 10 ⁹ /L	267	255 - 279
BC-5390	WBC x 10 ⁹ /L	9.55	9.35 - 9.75
	RBCx 10 ¹² /L	4.51	4.43 - 4.59
	HGB g/L	136	134 - 138
	MCV fL	86.0	84.0 - 88.0
	PLT x 10 ⁹ /L	251	239 - 263
BC-5390CRP, BC-5180CRP BC-5310CRP BC-5100CRP	WBC x 10 ⁹ /L	9.60	9.40 - 9.80
	RBCx 10 ¹² /L	4.50	4.42 - 4.58
	HGB g/L	137	135 - 139
	MCV fL	86.7	84.7 - 88.7
	PLT x 10 ⁹ /L	256	244 - 268
BC-5380, BC-5180 BC-5300, BC-5300Vet BC-5100, BC-5100Vet (Software version lower than 1.24.00.16860)	WBC x 10 ⁹ /L	9.15	8.95 - 9.35
	RBCx 10 ¹² /L	4.51	4.43 - 4.59
	HGB g/L	137	135 - 139
	MCV fL	91.3	89.3 - 93.3
	PLT x 10 ⁹ /L	253	241 - 265
BC-5380, BC-5180 BC-5300, BC-5100 (Software version 1.24.00.16860 or higher)	WBC x 10 ⁹ /L	9.48	9.28 - 9.68
	RBCx 10 ¹² /L	4.48	4.40 - 4.56
	HGB g/L	137	135 - 139
	MCV fL	89.0	87.0 - 91.0
	PLT x 10 ⁹ /L	253	241 - 265
BC-5000, BC-5000Vet BC-5150, BC-5140 BC-5130, BC-5120	WBC x 10 ⁹ /L	8.98	8.78 - 9.18
	RBCx 10 ¹² /L	4.55	4.47 - 4.63
	HGB g/L	136	134 - 138
	MCV fL	91.0	89.0 - 93.0
	PLT x 10 ⁹ /L	258	246 - 270

Before using, refer to the instruction sheet for mixing directions.

Lot No.

PLUS0221

Exp. Date

05 - 03 - 2021

Analysis Mode

WB

PD

Import File

Export

	Select	WBC	RBC	HGB	MCV	PLT
Target		8.98	4.55	13.6	91.0	258
1	<input checked="" type="checkbox"/>	9.12	4.65	13.6	83.9	237
2	<input checked="" type="checkbox"/>	9.10	4.60	13.6	84.1	230
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CV (%)		0.9	1.0	0.6	0.3	2.7
New Factor (%)		98.11	99.18	100.61	108.61	112.64
Old Factor (%)		115.42	110.01	109.00	102.00	108.00

Mode WB-CBC+DIFF

Administrator : Admin

26-02-2021 13:09

Exp. Date	Calibrator type	Analyzer SN	Cal. Date	Target	Yes	8.98	4.55	13.6	91.0	258	Mean	9.15	4.59	13.5
05-03-2021	PLUS0221			1	Yes	9.12	4.65	13.6	83.9	237	CV (%)	0.9	1.0	0.6
				2	Yes	9.10	4.60	13.6	84.1	230	New Factor (%)	98.11	99.18	100.61
	TR-75000049			3	Yes	9.17	4.61	13.5	84.0	226	Old Factor (%)	115.42	110.01	109.00
	26-02-2021			4	Yes	9.05	4.60	13.5	83.7	230				
				5	Yes	9.03	4.53	13.3	83.8	236				
				6	Yes	9.17	4.53	13.6	83.8	233				
				7	Yes	9.22	4.59	13.4	83.2	223				
				8	Yes	9.29	4.63	13.6	84.0	231				
				9	Yes	9.14	4.53	13.5	83.9	216				
				10	Yes	9.24	4.60	13.6	83.5	229				

SC-CAL PLUS HEMATOLOGY CALIBRATOR

SC-CAL PLUS is designed for use in the calibration of hematology analyzers. Please refer to the assay table for specific instrument models. SC-CAL PLUS is an in vitro diagnostic reagent composed of human erythrocytes, mammalian leukocytes, mammalian platelets suspended in a plasma-like fluid with preservatives.

 2021-03-05  LOT PLUS0221

P/N:  105-003223-00

Specification  3mLX2



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mindray



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