

HIN/MED/2023-2024 /1055789
1TH DEC 2023

CALIBRATION CERTIFICATE

This is to certify that the Hematology Analyzer Horiba YUMIZEN H550 bearing serial number 208YAXH03896 installed at **KRSNAA DIAGNOSTIC LAB TARN TARAN** as calibrated on 01TH DEC 2023.

Calibrator : ABX MINOCAL
Lot No. : CX489
Expiry Date : 05th Jan 2024

The reports of Blank Cycle, Repeatability and Calibration Values were all found in acceptable range.

Next calibration cycle is due on 30 NOV 2024



Shrish Dixit

(Head- Products & Marketing)
For **Horiba India Pvt. Ltd.**

Repeatability

	WBC	RBC	HGB	HCT	PLT	MCV
Min	8.59	4.30	13.2	39.3	374	91.3
Max	8.87	4.39	13.5	40.3	400	91.9
Mean	8.68	4.34	13.4	39.7	391	91.5
Difference	0.28	0.08	0.3	1.0	26	0.6
2 SD	0.23	0.06	0.2	0.7	22	0.4
CV(%)	1.32	0.69	0.65	0.90	2.82	0.24

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← III →

Run Date & Time	WBC 10 ³ /μL	RBC 10 ⁶ /μL	HGB g/dL	HCT %	PLT 10 ³ /μL	MCV μm ³
<input checked="" type="checkbox"/> 01/12/2023 01:13:38 PM	8.59	4.36	13.4	39.9	398 *	91.6
<input checked="" type="checkbox"/> 01/12/2023 01:15:26 PM	8.87	4.39	13.5	40.3	397 *	91.9
<input checked="" type="checkbox"/> 01/12/2023 01:17:11 PM	8.61	4.35	13.3	39.7	400 *	91.4
<input checked="" type="checkbox"/> 01/12/2023 01:19:01 PM	8.76	4.30	13.4	39.3	379 *	91.4
<input checked="" type="checkbox"/> 01/12/2023 01:20:43 PM	8.61	4.32	13.4	39.4	374 *	91.3
<input checked="" type="checkbox"/> 01/12/2023 01:22:15 PM	8.62	4.33	13.2	39.6	395 *	91.6

QUAL COMM REAG SYST

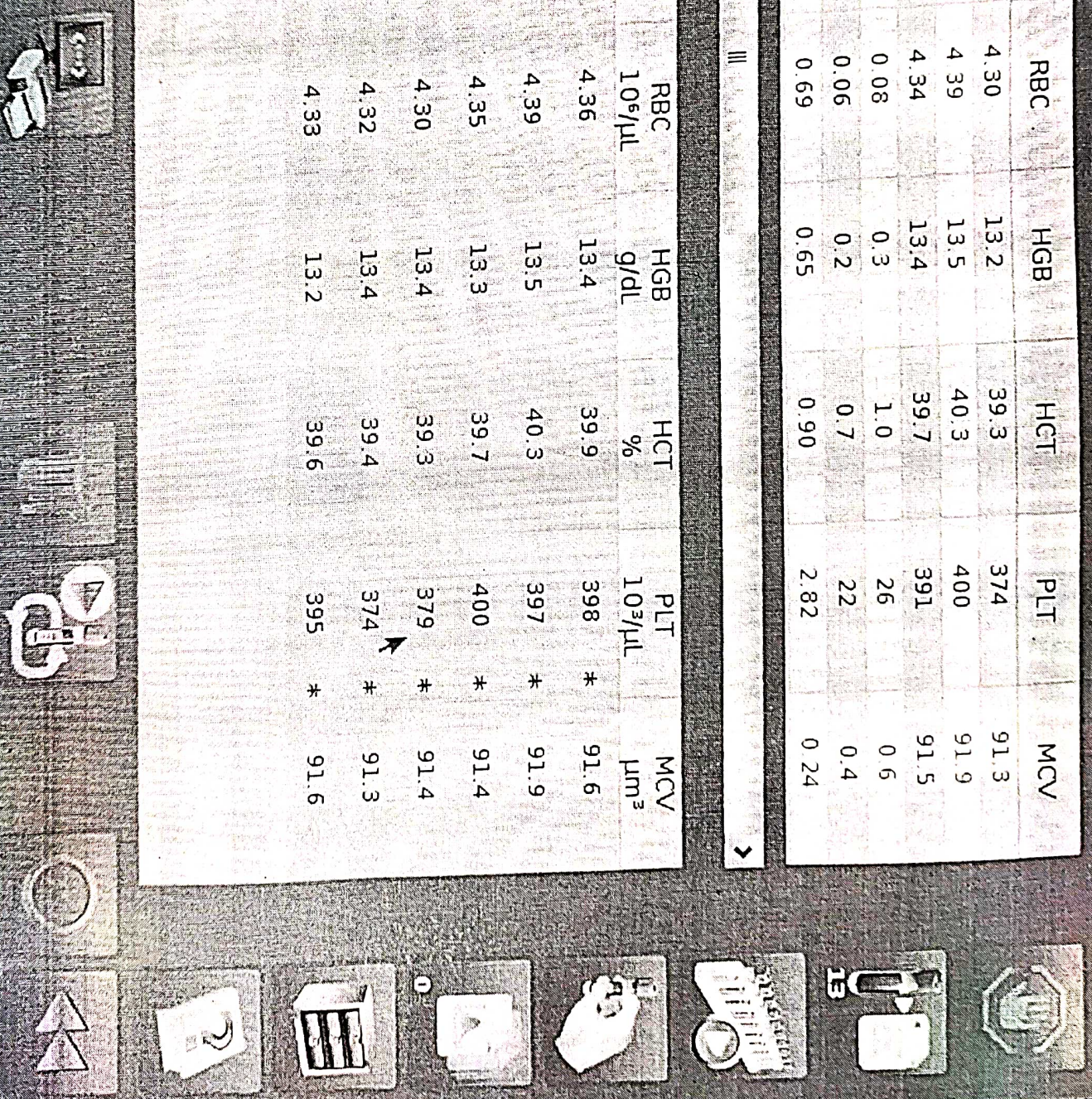


V121A

Technician

READY

01/12/2023 01:23 PM



Repeatability

	WBC	RBC	HGB	HCT	PLT	MCV
Min	8.59	4.30	13.2	39.3	374	91.3
Max	8.87	4.39	13.5	40.3	400	91.9
Mean	8.68	4.34	13.4	39.7	391	91.5
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6/6

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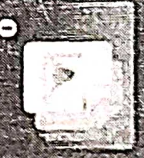
QUAL COMM REAG SYST

V12.1.4

Technician

READY

01/12/2023 01:23 PM



Calibrator Information

Sample ID: CX488
 Lot number: CX488

Name: MINOCAL

Exp. date: 05/12/2023
 Modified on: []

Coefficients	WBC	RBC	HGB	HCT	PLT	MPV
New	1.221 H	0.916	1.004	0.986	1.048	1.085
Current	1.098 H	0.960	1.051	1.032	1.035	1.149
Target	8.95	4.41	12.7	37.0	239	10.2
Mean	8.05	4.62	13.3	40.6	236	10.8
CV(%)	1.16	0.74	0.29	0.79	2.02	1.00

Selected runs (5 minimum) 6/6

Run Date & Time	WBC (10 ³ /μL)	RBC (10 ⁶ /μL)	HGB (g/dL)	HCT (%)	PLT (10 ³ /μL)	MPV (μm ³)
01/12/2023 01:35:03 PM	8.15 I	4.59 h	13.3 h	40.4 h	238	10.7
01/12/2023 01:36:54 PM	7.89 I	4.63 h	13.4 h	40.5 h	228	10.9
01/12/2023 01:38:37 PM	8.04 I	4.61 h	13.2 h	40.5 h	233	10.8
01/12/2023 01:40:46 PM	8.09 I	4.69 h	13.3 h	41.3 h	239	10.6
01/12/2023 01:43:23 PM	8.12 I	4.61 h	13.3 h	40.4 h	238	10.8
01/12/2023 01:44:58 PM	8.02 I	4.61 h	13.3 h	40.6 h	240	10.7

QUAL COMM REAG SYST

V12214 technician

READY

01/12/2023 01:46 PM

Calibration

Calibrator Information

Sample ID: **CX488**
 Lot number: **CX488**

Name: **MINOCAL**

Exp. date: **05/12/2023**
 Modified on:

Coefficients	WBC	RBC	HGB	HCT	PLT	MPV
New	1.216	0.916	1.004	0.986	1.044	1.095
Current	1.098	0.960	1.051	1.032	1.035	1.149
Target	8.95	4.41	12.7	37.0	239	10.2
Mean	8.08	4.62	13.3	40.6	237	10.7
CV(%)	0.69	0.82	0.13	0.86	1.20	0.66

Selected runs (5 minimum)

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Run Date & Time	WBC (10 ³ /μL)	RBC (10 ⁶ /μL)	HGB (g/dL)	HCT (%)	PLT (10 ³ /μL)	MPV (fL)
<input checked="" type="checkbox"/> 01/12/2023 01:35:03 PM	8.15	4.59	13.3	40.4	238	10.7
<input checked="" type="checkbox"/> 01/12/2023 01:36:37 PM	7.89	4.63	13.4	40.5	228	10.9
<input checked="" type="checkbox"/> 01/12/2023 01:40:46 PM	8.04	4.61	13.2	40.5	233	10.8
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<input checked="" type="checkbox"/> 01/12/2023 01:44:58 PM	8.12	4.61	13.3	40.4	238	10.8
<input type="checkbox"/>	8.02	4.61	13.3	40.6	240	10.7

QUAL COMM REAG SYST
 v12.1.4

Technician

READY