

# HORIBA

Explore the future

## HORIBA India Private Ltd.

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HIN/MED/2022-2023/100702

01<sup>st</sup> July 2022

### CALIBRATION CERTIFICATE

This is to certify that the Hematology Analyzer ABX YUMIZEN H550 bearing serial number: **205YAXH03771** installed at **REDCLIFF LIFETECH PVT. LTD., PUNE** calibrated on 01<sup>st</sup> July 2022

Calibrator : ABX MINOCAL

Lot No. : CX471

Expiry Date : 05<sup>th</sup> July 2022

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

Next calibration cycle is due on 30<sup>th</sup> June 2023.



**Shrish Dixit**

(Head- Products & Marketing)

For **Horiba India Pvt. Ltd.**

QC - Control Run Report

Run Date 18/12/2022 04:24:46 PM

Operator technician

Name HIGHQC

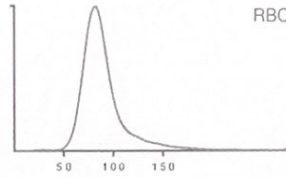
Sample ID PX438H

Level High

Exp. date 05/01/2023

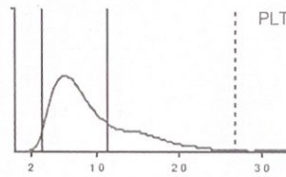
Lot number PX438H

			Range
RBC	5.19	10 <sup>6</sup> /μL	5.04 - 5.54
HGB	15.7	g/dL	15.5 - 16.7
HCT	47.0	%	46.2 - 51.2
MCV	90.4	μm <sup>3</sup>	87.0 - 97.0
MCH	30.2	pg	27.9 - 32.9
MCHC	33.4	g/dL	30.1 - 36.1
RDW-CV	12.5	%	10.5 - 18.5



Alarms

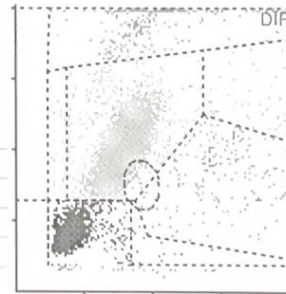
			Range
PLT	509	10 <sup>3</sup> /μL	440 - 540
MPV	9.1	μm <sup>3</sup>	7.0 - 11.0



			Range
WBC	17.41	10 <sup>3</sup> /μL	15.70 - 20.10

	#	Range	%	Range
NEU	12.51	10.50 -	71.9	59.3 - 79.3
LYM	3.71	2.29 - 5.29	21.3	13.2 - 29.2
MON	0.39	0.01 - 1.07	2.2	0.0 - 6.0
EOS	0.71	0.03 - 1.33	4.1	0.1 - 7.5
BAS	0.09	0.00 - 0.96	0.5	0.0 - 5.4



Raw Data

PLT counts (by sections)

S1	S2	S3	S4	S5	S6
451	473	482	493	466	480
S7	S8	S9	S10	S11	S12
411	424	470	459	461	502

RBC counts (by sections)

S1	S2	S3	S4	S5	S6
4512	4579	4595	4560	4497	4541
S7	S8	S9	S10	S11	S12
4583	4507	4489	4566	4475	4504

WBC counts (by sections) and others

S1	S2	S3	S4	S5	S6
1125	1133	1169	1163	1108	1183
S7	S8	S9	S10	S11	
1185	1126	1210	1107	1155	

HBG measures (Optical intensity)

LI1	LI2	LI3	LI4	LI5	LI6
3642	3642	3643	672	672	672
LI7	LI8	LI9	LI10	LI11	LI12
673	672	673	673	673	673
LI13					
673					

RMeasured : 10472  
Correlated : 10370  
Optical intensity 183

*Signature*  
18/12/22

**QC - Control Run Report**

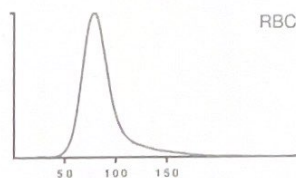
Run Date 18/12/2022 04:08:10 PM

Operator technician

Name NORMAL QC  
 Level Normal  
 Lot number PX438N

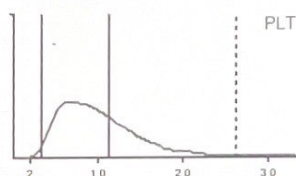
Sample ID PX438N  
 Exp. date 05/01/2023

			Range
RBC	4.62	10 <sup>6</sup> /μL	4.49 - 4.89
HGB	13.5	g/dL	13.4 - 14.4
HCT	40.6	%	39.7 - 43.7
MCV	87.9	μm <sup>3</sup>	84.0 - 94.0
MCH	29.2	pg	27.6 - 31.6
MCHC	33.2	g/dL	30.3 - 36.3
RDW-CV	13.0	%	10.5 - 18.5



**Alarms**

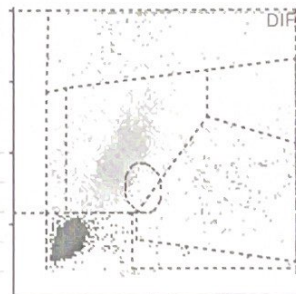
			Range
PLT	256	10 <sup>3</sup> /μL	209 - 269
MPV	9.6	μm <sup>3</sup>	7.7 - 11.7



			Range
WBC	8.26	10 <sup>3</sup> /μL	7.30 - 9.30

	#	Range	%	Range
NEU	4.18	3.20 - 5.00	50.5	39.4 - 59.4
LYM	3.36	2.64 - 4.04	40.7	32.2 - 48.2
MON	0.32	0.05 - 0.81	3.9	0.4 - 10.0
EOS	0.36	0.04 - 0.46	4.4	0.4 - 5.6
BAS	0.04	0.00 - 0.36	0.5	0.0 - 4.4



**Raw Data**

**PLT counts (by sections)**

S1	S2	S3	S4	S5	S6
216	243	250	278	270	306
S7	S8	S9	S10	S11	S12
243	264	246	250	294	270

**RBC counts (by sections)**

S1	S2	S3	S4	S5	S6
4166	4134	4046	4041	4143	4155
S7	S8	S9	S10	S11	S12
4099	4027	4056	4049	4177	4147

**WBC counts (by sections) and others**

S1	S2	S3	S4	S5	S6
554	555	488	537	590	591
S7	S8	S9	S10	S11	S12
575	519	516	574	544	

**HGB measures (Optical intensity)**

LI1	LI2	LI3	LI4	LI5	LI6
3643	3640	3639	838	838	838
LI7	LI8	LI9	LI10	LI11	LI12
837	838	837	837	837	836
LI13					
836					

RMeasured : 5471  
 Correlated : 5438  
 Optical intensity 183

*Signature*  
 18/12/22